

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030620\
 Data File : VN060373.D
 Acq On : 6 Mar 2020 12:15
 Operator : JC/MD
 Sample : VN0306WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0306WBS01

Manual Integrations
 APPROVED

MMDadoda
 3/9/2020 11:41:27 AM

Quant Time: Mar 07 03:16:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 27 13:52:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	201336	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	323880	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	297006	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	141731	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	122720	47.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.02%	
35) Dibromofluoromethane	7.56	113	88687	58.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.98%	
50) Toluene-d8	10.08	98	359058	47.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.38%	
62) 4-Bromofluorobenzene	12.40	95	133399	46.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	30000	16.252	ug/l	97
3) Chloromethane	2.04	50	52693	16.396	ug/l	100
4) Vinyl Chloride	2.16	62	44896	16.289	ug/l	99
5) Bromomethane	2.55	94	18356	14.856	ug/l	100
6) Chloroethane	2.69	64	24676	16.524	ug/l	98
7) Trichlorofluoromethane	3.00	101	59901	17.010	ug/l	99
8) Diethyl Ether	3.38	74	23572	17.729	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.74	101	35333	17.729	ug/l	98
10) Methyl Iodide	3.93	142	31757	17.460	ug/l	100
11) Tert butyl alcohol	4.73	59	35825	93.399	ug/l #	84
12) 1,1-Dichloroethene	3.71	96	34249	17.656	ug/l	97
13) Acrolein	3.58	56	31102	86.917	ug/l	98
14) Allyl chloride	4.29	41	63870	17.909	ug/l	98
15) Acrylonitrile	4.94	53	93829	92.807	ug/l	99
16) Acetone	3.78	43	77256	92.613	ug/l	99
17) Carbon Disulfide	4.03	76	86526	16.383	ug/l	99
18) Methyl Acetate	4.29	43	48862	17.552	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	128432	18.288	ug/l	99
20) Methylene Chloride	4.52	84	40429	17.647	ug/l	97
21) trans-1,2-Dichloroethene	5.01	96	36438	17.254	ug/l	98
22) Diisopropyl ether	5.91	45	136238	18.859	ug/l	93
23) Vinyl Acetate	5.86	43	534407	93.094	ug/l	99
24) 1,1-Dichloroethane	5.82	63	74241	18.155	ug/l	99
25) 2-Butanone	6.80	43	127344	94.511	ug/l	98
26) 2,2-Dichloropropane	6.79	77	68642	18.438	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	45517	17.134	ug/l	99
28) Bromochloromethane	7.17	49	29894	17.805	ug/l	96
29) Tetrahydrofuran	7.18	42	87101	92.962	ug/l	98
30) Chloroform	7.34	83	75505	18.548	ug/l	99
31) Cyclohexane	7.63	56	67010	18.354	ug/l	97
32) 1,1,1-Trichloroethane	7.54	97	64975	18.015	ug/l	99
36) 1,1-Dichloropropene	7.77	75	54743	17.735	ug/l	99
37) Ethyl Acetate	6.89	43	53940	18.455	ug/l	99
38) Carbon Tetrachloride	7.75	117	53298	17.735	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030620\
 Data File : VN060373.D
 Acq On : 6 Mar 2020 12:15
 Operator : JC/MD
 Sample : VN0306WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0306WBS01

Manual Integrations
 APPROVED

MMDadoda
 3/9/2020 11:41:27 AM

Quant Time: Mar 07 03:16:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 27 13:52:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	62229	17.099	ug/l	98
40) Benzene	8.02	78	166856	18.572	ug/l	98
41) Methacrylonitrile	7.15	41	24421m	18.096	ug/l	
42) 1,2-Dichloroethane	8.10	62	60712	18.727	ug/l	100
43) Isopropyl Acetate	8.14	43	97232	19.003	ug/l	99
44) Trichloroethene	8.82	130	44883	17.938	ug/l	98
45) 1,2-Dichloropropane	9.10	63	45348	19.306	ug/l	96
46) Dibromomethane	9.19	93	27556	18.080	ug/l	99
47) Bromodichloromethane	9.38	83	60479	19.510	ug/l	97
48) Methyl methacrylate	9.18	41	41600	17.829	ug/l	98
49) 1,4-Dioxane	9.18	88	13178	401.612	ug/l	96
51) 4-Methyl-2-Pentanone	9.97	43	278396	95.961	ug/l	99
52) Toluene	10.14	92	102612	18.182	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	68290	17.979	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	72353	18.383	ug/l	97
55) 1,1,2-Trichloroethane	10.55	97	41127	18.122	ug/l	98
56) Ethyl methacrylate	10.42	69	60605	18.588	ug/l	98
57) 1,3-Dichloropropane	10.70	76	71225	19.244	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.68	63	165102	96.820	ug/l	99
59) 2-Hexanone	10.74	43	198482	93.181	ug/l	100
60) Dibromochloromethane	10.89	129	43764	18.962	ug/l	98
61) 1,2-Dibromoethane	10.99	107	40421	18.271	ug/l	100
64) Tetrachloroethene	10.62	164	47718	19.544	ug/l	98
65) Chlorobenzene	11.43	112	108072	18.020	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.50	131	42265	19.060	ug/l	98
67) Ethyl Benzene	11.50	91	198754	18.198	ug/l	99
68) m/p-Xylenes	11.62	106	147097	35.698	ug/l	99
69) o-Xylene	11.94	106	71979	18.318	ug/l	100
70) Styrene	11.96	104	113950	17.638	ug/l	99
71) Bromoform	12.12	173	29120	18.221	ug/l #	99
73) Isopropylbenzene	12.25	105	193997	18.467	ug/l	99
74) N-amyl acetate	12.06	43	83470	18.184	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	54418	19.057	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	48662m	15.649	ug/l	
77) Bromobenzene	12.52	156	46485	18.052	ug/l	98
78) n-propylbenzene	12.59	91	223707	18.167	ug/l	100
79) 2-Chlorotoluene	12.67	91	132279	18.275	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	162376	18.359	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	20891	18.546	ug/l #	85
82) 4-Chlorotoluene	12.77	91	138013	18.097	ug/l	99
83) tert-Butylbenzene	12.99	119	137032	17.895	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	161324	18.071	ug/l	99
85) sec-Butylbenzene	13.17	105	181799	17.729	ug/l	99
86) p-Isopropyltoluene	13.28	119	165389	17.426	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	82592	18.547	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	82499	18.535	ug/l	99
89) n-Butylbenzene	13.61	91	146663	16.833	ug/l	99
90) Hexachloroethane	13.87	117	23175	16.869	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	79718	17.668	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	11424	17.667	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030620\
Data File : VN060373.D
Acq On : 6 Mar 2020 12:15
Operator : JC/MD
Sample : VN0306WBS01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0306WBS01

Manual Integrations
APPROVED

MMDadoda
3/9/2020 11:41:27 AM

Quant Time: Mar 07 03:16:39 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 27 13:52:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	49320	17.260	ug/l	98
94) Hexachlorobutadiene	15.01	225	24552	18.266	ug/l	99
95) Naphthalene	15.13	128	140744	16.484	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	46902	17.251	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN030620\
 Data File : VN060373.D
 Acq On : 6 Mar 2020 12:15
 Operator : JC/MD
 Sample : VN0306WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 Client Sample Id :
 VN0306WBS01

Manual Integrations
 APPROVED

MMDadoda
 3/9/2020 11:41:27 AM

Quant Time: Mar 07 03:16:39 2020
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 27 13:52:50 2020
 Response via : Initial Calibration

