

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041520\
 Data File : VN060952.D
 Acq On : 15 Apr 2020 11:32
 Operator : JC/MD
 Sample : VN0415WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0415WBS01

Manual Integrations
 APPROVED

MMDadoda
 4/16/2020 11:15:53 AM

Quant Time: Apr 16 07:04:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	140773	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	233686	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	210467	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	99043	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	97816	50.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.24%	
35) Dibromofluoromethane	7.56	113	72440	51.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.54%	
50) Toluene-d8	10.08	98	284653	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	
62) 4-Bromofluorobenzene	12.40	95	106238	50.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	21389	15.703	ug/l	97
3) Chloromethane	2.04	50	39328	15.459	ug/l	99
4) Vinyl Chloride	2.17	62	32548	16.358	ug/l	100
5) Bromomethane	2.55	94	16851	19.618	ug/l	100
6) Chloroethane	2.68	64	20460	17.850	ug/l	95
7) Trichlorofluoromethane	3.00	101	44264	18.059	ug/l	100
8) Diethyl Ether	3.38	74	19292	19.592	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.73	101	27452	19.328	ug/l	99
10) Methyl Iodide	3.92	142	20862	16.507	ug/l	99
11) Tert butyl alcohol	4.72	59	29672	104.402	ug/l	99
12) 1,1-Dichloroethene	3.71	96	27122	17.795	ug/l	96
13) Acrolein	3.57	56	23715	75.289	ug/l	98
14) Allyl chloride	4.29	41	51223	19.109	ug/l	96
15) Acrylonitrile	4.94	53	82708	98.964	ug/l	100
16) Acetone	3.77	43	79431	116.038	ug/l	100
17) Carbon Disulfide	4.03	76	72556	15.653	ug/l	99
18) Methyl Acetate	4.28	43	41752	21.669	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	101374	19.346	ug/l	96
20) Methylene Chloride	4.52	84	31373	18.631	ug/l	94
21) trans-1,2-Dichloroethene	5.00	96	29141	17.940	ug/l	98
22) Diisopropyl ether	5.91	45	115018	20.309	ug/l	99
23) Vinyl Acetate	5.85	43	465009	100.634	ug/l	99
24) 1,1-Dichloroethane	5.81	63	60985	19.753	ug/l	99
25) 2-Butanone	6.79	43	115960	104.687	ug/l	98
26) 2,2-Dichloropropane	6.79	77	51687	21.278	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	34800	18.852	ug/l	97
28) Bromochloromethane	7.16	49	29767	20.152	ug/l	96
29) Tetrahydrofuran	7.18	42	76682	97.842	ug/l	98
30) Chloroform	7.34	83	56993	19.256	ug/l	97
31) Cyclohexane	7.63	56	54847	17.621	ug/l	95
32) 1,1,1-Trichloroethane	7.54	97	48680	19.079	ug/l	99
36) 1,1-Dichloropropene	7.77	75	42138	18.622	ug/l	99
37) Ethyl Acetate	6.89	43	47571	19.456	ug/l	99
38) Carbon Tetrachloride	7.75	117	37296	18.390	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041520\
 Data File : VN060952.D
 Acq On : 15 Apr 2020 11:32
 Operator : JC/MD
 Sample : VN0415WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0415WBS01

Manual Integrations
 APPROVED

MMDadoda
 4/16/2020 11:15:53 AM

Quant Time: Apr 16 07:04:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	50567	18.805	ug/l	98
40) Benzene	8.02	78	131621	19.269	ug/l	100
41) Methacrylonitrile	7.14	41	21417m	20.525	ug/l	
42) 1,2-Dichloroethane	8.10	62	45931	19.675	ug/l	99
43) Isopropyl Acetate	8.14	43	81138	20.122	ug/l	99
44) Trichloroethene	8.81	130	32246	18.726	ug/l	98
45) 1,2-Dichloropropane	9.10	63	36417	20.204	ug/l	99
46) Dibromomethane	9.19	93	21674	19.890	ug/l	96
47) Bromodichloromethane	9.38	83	44223	19.530	ug/l	99
48) Methyl methacrylate	9.18	41	35074	19.537	ug/l	98
49) 1,4-Dioxane	9.18	88	10529	493.412	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	234455	102.179	ug/l	99
52) Toluene	10.14	92	78645	19.064	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	52151	20.050	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	56413	19.770	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	31275	19.706	ug/l	98
56) Ethyl methacrylate	10.42	69	48460	19.583	ug/l	98
57) 1,3-Dichloropropane	10.69	76	54960	19.956	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	113830	92.550	ug/l	99
59) 2-Hexanone	10.74	43	166809	100.920	ug/l	99
60) Dibromochloromethane	10.89	129	31733	19.357	ug/l	99
61) 1,2-Dibromoethane	10.99	107	30517	19.122	ug/l	99
64) Tetrachloroethene	10.62	164	29521	17.825	ug/l	99
65) Chlorobenzene	11.42	112	81115	19.441	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	30069	19.905	ug/l	98
67) Ethyl Benzene	11.50	91	150820	19.438	ug/l	99
68) m/p-Xylenes	11.61	106	110093	38.183	ug/l	97
69) o-Xylene	11.94	106	53671	19.499	ug/l	100
70) Styrene	11.96	104	86751	19.271	ug/l	99
71) Bromoform	12.12	173	22384	18.909	ug/l #	99
73) Isopropylbenzene	12.24	105	144946	19.501	ug/l	99
74) N-amyl acetate	12.06	43	66684	19.415	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	44965	20.005	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	39860m	18.651	ug/l	
77) Bromobenzene	12.52	156	33501	18.705	ug/l	95
78) n-propylbenzene	12.59	91	170984	19.471	ug/l	99
79) 2-Chlorotoluene	12.67	91	100768	19.205	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	120220	19.059	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	15756	18.935	ug/l	97
82) 4-Chlorotoluene	12.77	91	104044	19.470	ug/l	99
83) tert-Butylbenzene	12.99	119	102508	19.604	ug/l	99
84) 1,2,4-Trimethylbenzene	13.03	105	121462	19.464	ug/l	100
85) sec-Butylbenzene	13.17	105	139143	19.789	ug/l	100
86) p-Isopropyltoluene	13.28	119	124932	19.759	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	60704	19.217	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	60627	19.103	ug/l	98
89) n-Butylbenzene	13.61	91	115328	20.203	ug/l	99
90) Hexachloroethane	13.87	117	19065	20.744	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	59015	19.538	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	8785	18.491	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041520\
Data File : VN060952.D
Acq On : 15 Apr 2020 11:32
Operator : JC/MD
Sample : VN0415WBS01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0415WBS01

Manual Integrations
APPROVED

MMDadoda
4/16/2020 11:15:53 AM

Quant Time: Apr 16 07:04:05 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 18 08:49:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	35264	19.012	ug/l	98
94) Hexachlorobutadiene	15.01	225	18387	20.221	ug/l	97
95) Naphthalene	15.13	128	99081	17.759	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	34301	18.774	ug/l	99

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

