

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092520\
 Data File : VN063677.D
 Acq On : 25 Sep 2020 14:43
 Operator : JC/MD
 Sample : VN0925WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0925WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/29/2020 10:40:40 AM

Quant Time: Sep 28 02:16:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	248818	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	431541	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	394749	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	184196	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	218361	51.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.10%	
35) Dibromofluoromethane	7.55	113	150848	50.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.98%	
50) Toluene-d8	10.06	98	549823	48.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.90%	
62) 4-Bromofluorobenzene	12.38	95	206190	50.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.14%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.83	85	50033	17.749	ug/l	99
3) Chloromethane	2.04	50	63297	16.974	ug/l	97
4) Vinyl Chloride	2.16	62	62325	18.864	ug/l	98
5) Bromomethane	2.53	94	42238	21.532	ug/l	94
6) Chloroethane	2.67	64	37937	18.706	ug/l	99
7) Trichlorofluoromethane	2.99	101	97564	19.792	ug/l	98
8) Diethyl Ether	3.38	74	35752	18.605	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	53859	19.428	ug/l	99
10) Methyl Iodide	3.91	142	65924	18.266	ug/l	96
11) Tert butyl alcohol	4.73	59	50405	85.902	ug/l #	93
12) 1,1-Dichloroethene	3.70	96	50755	18.076	ug/l	99
13) Acrolein	3.57	56	14659	67.413	ug/l	98
14) Allyl chloride	4.28	41	99654	17.942	ug/l	94
15) Acrylonitrile	4.93	53	143189	95.936	ug/l	100
16) Acetone	3.78	43	131967	96.947	ug/l	97
17) Carbon Disulfide	4.01	76	132405	16.211	ug/l	98
18) Methyl Acetate	4.28	43	73750	21.342	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	193694	18.509	ug/l	100
20) Methylene Chloride	4.51	84	64791	18.786	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	59352	19.079	ug/l	90
22) Diisopropyl ether	5.90	45	213176	18.820	ug/l	96
23) Vinyl Acetate	5.85	43	873855	93.934	ug/l	100
24) 1,1-Dichloroethane	5.80	63	118124	19.101	ug/l	99
25) 2-Butanone	6.79	43	201260	96.134	ug/l	100
26) 2,2-Dichloropropane	6.78	77	101058	18.560	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	67267	19.104	ug/l	99
28) Bromochloromethane	7.15	49	55811	19.546	ug/l	97
29) Tetrahydrofuran	7.16	42	130011	90.927	ug/l	98
30) Chloroform	7.33	83	123265	19.867	ug/l	98
31) Cyclohexane	7.61	56	95120	16.261	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	106984	19.386	ug/l	99
36) 1,1-Dichloropropene	7.75	75	84165	18.307	ug/l	99
37) Ethyl Acetate	6.88	43	85486	18.945	ug/l	98
38) Carbon Tetrachloride	7.74	117	88885	18.939	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092520\
 Data File : VN063677.D
 Acq On : 25 Sep 2020 14:43
 Operator : JC/MD
 Sample : VN0925WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0925WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/29/2020 10:40:40 AM

Quant Time: Sep 28 02:16:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	82694	16.573	ug/l	97
40) Benzene	8.00	78	252685	19.254	ug/l	98
41) Methacrylonitrile	7.13	41	36196	17.836	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	106964	20.267	ug/l	100
43) Isopropyl Acetate	8.13	43	147362	18.264	ug/l #	89
44) Trichloroethene	8.80	130	63170	19.845	ug/l	94
45) 1,2-Dichloropropane	9.08	63	69540	19.455	ug/l	99
46) Dibromomethane	9.18	93	48238	20.533	ug/l	99
47) Bromodichloromethane	9.37	83	96013	19.672	ug/l	100
48) Methyl methacrylate	9.17	41	72809	18.367	ug/l	98
49) 1,4-Dioxane	9.17	88	20710	364.062	ug/l	93
51) 4-Methyl-2-Pentanone	9.95	43	447976	99.178	ug/l	98
52) Toluene	10.13	92	155175	19.666	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	103150	18.931	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	107582	18.719	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	63256	20.183	ug/l	99
56) Ethyl methacrylate	10.40	69	90469	18.490	ug/l	98
57) 1,3-Dichloropropane	10.68	76	108079	19.122	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	239950	93.486	ug/l	98
59) 2-Hexanone	10.72	43	327345	100.033	ug/l	99
60) Dibromochloromethane	10.87	129	70349	19.868	ug/l	96
61) 1,2-Dibromoethane	10.98	107	63509	19.504	ug/l	97
64) Tetrachloroethene	10.60	164	56012	20.838	ug/l	98
65) Chlorobenzene	11.41	112	165089	19.702	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	62424	20.323	ug/l	98
67) Ethyl Benzene	11.49	91	297710	18.866	ug/l	98
68) m/p-Xylenes	11.59	106	218571	38.417	ug/l	98
69) o-Xylene	11.92	106	104590	19.298	ug/l	98
70) Styrene	11.94	104	177643	19.545	ug/l	100
71) Bromoform	12.10	173	44400	19.404	ug/l #	98
73) Isopropylbenzene	12.23	105	279304	18.923	ug/l	99
74) N-amyl acetate	12.05	43	128608	18.406	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	92862	20.319	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	85324m	18.715	ug/l	
77) Bromobenzene	12.50	156	66857	20.136	ug/l	98
78) n-propylbenzene	12.57	91	323071	18.792	ug/l	99
79) 2-Chlorotoluene	12.65	91	198551	19.266	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	236486	19.214	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	29957	18.015	ug/l	93
82) 4-Chlorotoluene	12.75	91	209524	19.242	ug/l	100
83) tert-Butylbenzene	12.97	119	190616	18.764	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	236294	19.006	ug/l	98
85) sec-Butylbenzene	13.15	105	253062	18.610	ug/l	100
86) p-Isopropyltoluene	13.26	119	223930	18.671	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	123767	20.112	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	122228	19.535	ug/l	98
89) n-Butylbenzene	13.59	91	200373	18.125	ug/l	97
90) Hexachloroethane	13.85	117	40930	17.922	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	121775	20.155	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	20832	19.142	ug/l	97

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092520\
Data File : VN063677.D
Acq On : 25 Sep 2020 14:43
Operator : JC/MD
Sample : VN0925WBSD01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0925WBSD01

Manual Integrations
APPROVED

MMDadoda
9/29/2020 10:40:40 AM

Quant Time: Sep 28 02:16:34 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	62795	17.630	ug/l	98
94) Hexachlorobutadiene	14.98	225	32622	22.123	ug/l	98
95) Naphthalene	15.11	128	202041	17.169	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	63348	18.407	ug/l	99

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

