

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112520\
 Data File : VN064848.D
 Acq On : 25 Nov 2020 11:28
 Operator : JC/MD
 Sample : VN1125WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1125WBSD01

Manual Integrations
 APPROVED

SAM
 11/27/2020 1:37:20 PM

Quant Time: Nov 26 03:58:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	182743	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	280765	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	256998	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	122848	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	100816	47.45	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.90%
35) Dibromofluoromethane	7.55	113	87549	52.11	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	104.22%
50) Toluene-d8	10.06	98	329293	47.97	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.94%
62) 4-Bromofluorobenzene	12.37	95	114097	46.44	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	92.88%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	25422	16.051	ug/l	98
3) Chloromethane	2.04	50	32618	15.848	ug/l	99
4) Vinyl Chloride	2.17	62	34910	16.269	ug/l	97
5) Bromomethane	2.53	94	22922	16.282	ug/l	97
6) Chloroethane	2.68	64	22228	16.749	ug/l	94
7) Trichlorofluoromethane	2.99	101	50646	17.075	ug/l	98
8) Diethyl Ether	3.37	74	20661	17.647	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.71	101	31823	17.885	ug/l	98
10) Methyl Iodide	3.91	142	32315	14.002	ug/l	98
11) Tert butyl alcohol	4.74	59	25662	77.453	ug/l #	85
12) 1,1-Dichloroethene	3.69	96	29931	16.890	ug/l	99
13) Acrolein	3.56	56	15310	75.651	ug/l	97
14) Allyl chloride	4.27	41	47858	16.374	ug/l	97
15) Acrylonitrile	4.94	53	77909	85.120	ug/l	99
16) Acetone	3.78	43	60554	86.706	ug/l	99
17) Carbon Disulfide	4.01	76	77498	16.941	ug/l	99
18) Methyl Acetate	4.28	43	35590	16.950	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	98230	17.284	ug/l	97
20) Methylene Chloride	4.50	84	36375	16.621	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	32508	16.519	ug/l	99
22) Diisopropyl ether	5.90	45	104356	17.838	ug/l	96
23) Vinyl Acetate	5.84	43	414306	88.562	ug/l	99
24) 1,1-Dichloroethane	5.80	63	61822	17.683	ug/l	99
25) 2-Butanone	6.79	43	96625	85.349	ug/l	97
26) 2,2-Dichloropropane	6.77	77	50753	16.738	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	38786	17.516	ug/l	97
28) Bromochloromethane	7.15	49	29181	18.245	ug/l	95
29) Tetrahydrofuran	7.17	42	65657	84.015	ug/l	98
30) Chloroform	7.33	83	63748	17.681	ug/l	96
31) Cyclohexane	7.61	56	50534	17.066	ug/l	95
32) 1,1,1-Trichloroethane	7.52	97	54629	17.642	ug/l	99
36) 1,1-Dichloropropene	7.75	75	46378	17.821	ug/l	98
37) Ethyl Acetate	6.88	43	41057	16.378	ug/l #	94
38) Carbon Tetrachloride	7.73	117	48742	18.001	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	49543	17.684	ug/l	99
40) Benzene	8.00	78	140186	17.579	ug/l	98
41) Methacrylonitrile	7.13	41	19964	17.259	ug/l #	87
42) 1,2-Dichloroethane	8.08	62	49479	18.392	ug/l	97
43) Isopropyl Acetate	8.13	43	67709	16.785	ug/l	99
44) Trichloroethene	8.80	130	40427	17.181	ug/l	96
45) 1,2-Dichloropropane	9.08	63	38489	18.637	ug/l	98
46) Dibromomethane	9.17	93	25823	18.717	ug/l	95
47) Bromodichloromethane	9.37	83	49622	17.875	ug/l	98
48) Methyl methacrylate	9.17	41	32957	17.098	ug/l	99
49) 1,4-Dioxane	9.17	88	12116	332.584	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	209088	86.340	ug/l	100
52) Toluene	10.12	92	88133	17.946	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	53940	17.445	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	58581	17.676	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	36571	18.109	ug/l	95
56) Ethyl methacrylate	10.40	69	47735	17.129	ug/l	97
57) 1,3-Dichloropropane	10.68	76	60492	18.158	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.66	63	140346	91.552	ug/l	99
59) 2-Hexanone	10.72	43	149513	85.787	ug/l	99
60) Dibromochloromethane	10.87	129	40306	17.955	ug/l	98
61) 1,2-Dibromoethane	10.97	107	36032	17.561	ug/l	96
64) Tetrachloroethene	10.60	164	41032	16.411	ug/l	95
65) Chlorobenzene	11.40	112	97139	17.601	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	36230	17.863	ug/l	98
67) Ethyl Benzene	11.48	91	159776	17.330	ug/l	97
68) m/p-Xylenes	11.59	106	125402	35.925	ug/l	99
69) o-Xylene	11.92	106	59608	17.995	ug/l	99
70) Styrene	11.94	104	99726	17.834	ug/l	99
71) Bromoform	12.10	173	26806	16.547	ug/l #	99
73) Isopropylbenzene	12.22	105	159652	18.684	ug/l	99
74) N-amyl acetate	12.04	43	56144	16.696	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	44811	17.892	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	45846m	17.329	ug/l	
77) Bromobenzene	12.50	156	41484	18.008	ug/l	100
78) n-propylbenzene	12.56	91	177675	18.252	ug/l	99
79) 2-Chlorotoluene	12.65	91	107763	17.909	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	134236	18.900	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	14971	15.509	ug/l	93
82) 4-Chlorotoluene	12.75	91	114108	18.092	ug/l	99
83) tert-Butylbenzene	12.97	119	109178	18.339	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	136832	19.054	ug/l	99
85) sec-Butylbenzene	13.14	105	146325	18.512	ug/l	98
86) p-Isopropyltoluene	13.26	119	135968	18.894	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	72635	17.747	ug/l	99
88) 1,4-Dichlorobenzene	13.33	146	72692	16.794	ug/l	98
89) n-Butylbenzene	13.59	91	110806	17.533	ug/l	99
90) Hexachloroethane	13.85	117	23018	18.412	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	71044	17.678	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	8925	15.837	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	39095	15.726	ug/l	98
94) Hexachlorobutadiene	14.98	225	20056	18.154	ug/l	99
95) Naphthalene	15.10	128	113982	15.304	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	39540	17.662	ug/l	98

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

