

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120320\
 Data File : VN064893.D
 Acq On : 3 Dec 2020 12:18
 Operator : JC/MD
 Sample : VN1203WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBSD01

Manual Integrations
 APPROVED

SAM
 12/4/2020 5:43:41 PM

Quant Time: Dec 04 03:37:29 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	189511	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	287915	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	267021	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	130387	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	109509	49.70	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.40%
35) Dibromofluoromethane	7.55	113	94352	54.77	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	109.54%
50) Toluene-d8	10.06	98	356374	50.63	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	101.26%
62) 4-Bromofluorobenzene	12.37	95	125926	49.99	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.98%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	26030	15.848	ug/l 99
3) Chloromethane	2.04	50	33341	15.621	ug/l 97
4) Vinyl Chloride	2.17	62	35424	15.919	ug/l 99
5) Bromomethane	2.53	94	25166	17.238	ug/l 98
6) Chloroethane	2.68	64	22985	16.700	ug/l 99
7) Trichlorofluoromethane	2.99	101	53849	17.506	ug/l 99
8) Diethyl Ether	3.37	74	22085	18.190	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	32985	17.876	ug/l 97
10) Methyl Iodide	3.90	142	37630	15.722	ug/l 99
11) Tert butyl alcohol	4.74	59	26132	76.055	ug/l 99
12) 1,1-Dichloroethene	3.69	96	31373	17.072	ug/l 98
13) Acrolein	3.56	56	18405	87.696	ug/l 96
14) Allyl chloride	4.27	41	50860	16.780	ug/l 99
15) Acrylonitrile	4.93	53	79934	84.213	ug/l 99
16) Acetone	3.78	43	60885	84.066	ug/l 97
17) Carbon Disulfide	4.01	76	77719	16.383	ug/l 100
18) Methyl Acetate	4.28	43	38499	17.680	ug/l 98
19) Methyl tert-butyl Ether	4.99	73	103693	17.593	ug/l 99
20) Methylene Chloride	4.50	84	40245	17.733	ug/l 97
21) trans-1,2-Dichloroethene	4.99	96	35086	17.193	ug/l 95
22) Diisopropyl ether	5.90	45	113913	18.777	ug/l 98
23) Vinyl Acetate	5.84	43	429582	88.548	ug/l 100
24) 1,1-Dichloroethane	5.79	63	66306	18.288	ug/l 99
25) 2-Butanone	6.78	43	96550	82.237	ug/l 97
26) 2,2-Dichloropropane	6.77	77	54096	17.203	ug/l 97
27) cis-1,2-Dichloroethene	6.78	96	40937	17.827	ug/l 99
28) Bromochloromethane	7.15	49	31367	18.911	ug/l 98
29) Tetrahydrofuran	7.16	42	65200	80.451	ug/l 98
30) Chloroform	7.33	83	68654	18.362	ug/l 97
31) Cyclohexane	7.61	56	50298	16.380	ug/l 96
32) 1,1,1-Trichloroethane	7.52	97	56881	17.713	ug/l 98
36) 1,1-Dichloropropene	7.75	75	47787	17.907	ug/l 99
37) Ethyl Acetate	6.88	43	41972	16.327	ug/l 98
38) Carbon Tetrachloride	7.73	117	50639	18.237	ug/l 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	48481	16.876	ug/l	98
40) Benzene	8.00	78	150516	18.405	ug/l	97
41) Methacrylonitrile	7.12	41	21181	17.857	ug/l	89
42) 1,2-Dichloroethane	8.08	62	51446	18.648	ug/l	99
43) Isopropyl Acetate	8.12	43	70594	17.066	ug/l #	91
44) Trichloroethene	8.80	130	43183	17.897	ug/l	100
45) 1,2-Dichloropropane	9.08	63	41000	19.360	ug/l	94
46) Dibromomethane	9.17	93	27677	19.562	ug/l	97
47) Bromodichloromethane	9.37	83	53613	18.833	ug/l	100
48) Methyl methacrylate	9.16	41	33033	16.712	ug/l	99
49) 1,4-Dioxane	9.16	88	12330	330.053	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	213409	85.936	ug/l	99
52) Toluene	10.12	92	93385	18.543	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	57289	18.068	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	64191	18.887	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	39064	18.863	ug/l	95
56) Ethyl methacrylate	10.40	69	49583	17.350	ug/l	99
57) 1,3-Dichloropropane	10.68	76	65734	19.242	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.66	63	136877	87.072	ug/l	99
59) 2-Hexanone	10.72	43	149918	83.883	ug/l	97
60) Dibromochloromethane	10.87	129	43814	19.033	ug/l	99
61) 1,2-Dibromoethane	10.97	107	39421	18.736	ug/l	98
64) Tetrachloroethene	10.60	164	47158	18.153	ug/l	95
65) Chlorobenzene	11.40	112	104736	18.265	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	39308	18.653	ug/l	97
67) Ethyl Benzene	11.48	91	170968	17.848	ug/l	99
68) m/p-Xylenes	11.59	106	133161	36.716	ug/l	98
69) o-Xylene	11.92	106	64004	18.597	ug/l	97
70) Styrene	11.94	104	107388	18.483	ug/l	99
71) Bromoform	12.10	173	29944	17.791	ug/l #	100
73) Isopropylbenzene	12.22	105	166843	18.396	ug/l	99
74) N-amyl acetate	12.04	43	57958	16.239	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	47813	17.987	ug/l	99
76) 1,2,3-Trichloropropane	12.52	75	49098m	17.485	ug/l	
77) Bromobenzene	12.50	156	44459	18.183	ug/l	99
78) n-propylbenzene	12.56	91	188858	18.279	ug/l	99
79) 2-Chlorotoluene	12.65	91	115208	18.039	ug/l	100
80) 1,3,5-Trimethylbenzene	12.70	105	144347	19.148	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	17049	16.641	ug/l	94
82) 4-Chlorotoluene	12.75	91	119451	17.844	ug/l	98
83) tert-Butylbenzene	12.97	119	118789	18.800	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	146646	19.240	ug/l	99
85) sec-Butylbenzene	13.14	105	156750	18.684	ug/l	98
86) p-Isopropyltoluene	13.26	119	143911	18.841	ug/l	99
87) 1,3-Dichlorobenzene	13.25	146	79803	18.371	ug/l	99
88) 1,4-Dichlorobenzene	13.33	146	79331	17.268	ug/l	98
89) n-Butylbenzene	13.59	91	116034	17.299	ug/l	99
90) Hexachloroethane	13.85	117	24518	18.478	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	79240	18.577	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.24	75	9861	16.486	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	42321	16.039	ug/l	99
94) Hexachlorobutadiene	14.98	225	22393	19.078	ug/l	98
95) Naphthalene	15.10	128	115824	14.652	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	40781	17.203	ug/l	99

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

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