

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101920\
 Data File : VX018970.D
 Acq On : 19 Oct 2020 22:54
 Operator : JC/SP
 Sample : VX1019WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1019WBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/20/2020 4:52:50 PM

Quant Time: Oct 20 09:47:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 18:41:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	87992	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	162499	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	143762	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	68337	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	59185	52.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.30%	
35) Dibromofluoromethane	5.46	113	48158	47.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.70%	
50) Toluene-d8	8.70	98	188611	48.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.70%	
62) 4-Bromofluorobenzene	11.12	95	64373	46.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	16300	20.614	ug/l	99
3) Chloromethane	1.31	50	17571	20.391	ug/l	97
4) Vinyl Chloride	1.39	62	24554	21.252	ug/l	98
5) Bromomethane	1.63	94	23180	24.075	ug/l	97
6) Chloroethane	1.71	64	18195	21.824	ug/l	97
7) Trichlorofluoromethane	1.92	101	41935	21.509	ug/l	99
8) Diethyl Ether	2.17	74	16649	21.547	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	18659	17.380	ug/l	95
10) Methyl Iodide	2.49	142	18459	18.265	ug/l	99
11) Tert butyl alcohol	3.02	59	27440	104.831	ug/l	100
12) 1,1-Dichloroethene	2.35	96	21824	19.044	ug/l	98
13) Acrolein	2.28	56	15134	87.834	ug/l	100
14) Allyl chloride	2.71	41	26333	19.042	ug/l	98
15) Acrylonitrile	3.12	53	49555	102.782	ug/l	99
16) Acetone	2.42	43	42995	95.195	ug/l	100
17) Carbon Disulfide	2.55	76	49364	18.962	ug/l	99
18) Methyl Acetate	2.75	43	22023	21.295	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	58055	19.672	ug/l	100
20) Methylene Chloride	2.84	84	19941	19.105	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	20137	19.180	ug/l	99
22) Diisopropyl ether	3.83	45	51090	19.975	ug/l	95
23) Vinyl Acetate	3.79	43	250793	101.563	ug/l	100
24) 1,1-Dichloroethane	3.67	63	34923	19.921	ug/l	98
25) 2-Butanone	4.64	43	72823	102.521	ug/l	99
26) 2,2-Dichloropropane	4.56	77	28627	17.433	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	23357	19.176	ug/l	97
28) Bromochloromethane	4.98	49	13616	18.446	ug/l	98
29) Tetrahydrofuran	5.09	42	42292	101.326	ug/l	100
30) Chloroform	5.18	83	37540	19.798	ug/l	97
31) Cyclohexane	5.55	56	28000	20.206	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	34125	19.926	ug/l	99
36) 1,1-Dichloropropene	5.77	75	28571	18.494	ug/l	99
37) Ethyl Acetate	4.80	43	28692	18.798	ug/l	99
38) Carbon Tetrachloride	5.75	117	29142	18.290	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	30355	18.279	ug/l	99
40) Benzene	6.11	78	84619	19.031	ug/l	100
41) Methacrylonitrile	5.01	41	15067	19.078	ug/l	99
42) 1,2-Dichloroethane	6.17	62	30042	19.701	ug/l	99
43) Isopropyl Acetate	6.42	43	46907	19.071	ug/l	99
44) Trichloroethene	7.19	130	21890	17.822	ug/l	94
45) 1,2-Dichloropropane	7.49	63	20875	18.982	ug/l	99
46) Dibromomethane	7.64	93	15071	19.162	ug/l	99
47) Bromodichloromethane	7.87	83	30101	18.941	ug/l	95
48) Methyl methacrylate	7.74	41	22272	19.529	ug/l	97
49) 1,4-Dioxane	7.71	88	10302	394.225	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	141759	99.188	ug/l	99
52) Toluene	8.77	92	54504	18.959	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	32894	18.217	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	34976	18.354	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	21602	19.153	ug/l	91
56) Ethyl methacrylate	9.16	69	32878	18.989	ug/l	96
57) 1,3-Dichloropropane	9.35	76	36162	19.074	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	87163	91.195	ug/l	99
59) 2-Hexanone	9.48	43	108184	99.576	ug/l	99
60) Dibromochloromethane	9.57	129	22394	17.938	ug/l	100
61) 1,2-Dibromoethane	9.65	107	23160	18.954	ug/l	98
64) Tetrachloroethene	9.32	164	18801	18.509	ug/l	96
65) Chlorobenzene	10.12	112	55682	18.513	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	20138	18.246	ug/l	97
67) Ethyl Benzene	10.24	91	101507	19.436	ug/l	99
68) m/p-Xylenes	10.34	106	75387	37.243	ug/l	94
69) o-Xylene	10.68	106	36233	18.551	ug/l	94
70) Styrene	10.69	104	61371	18.683	ug/l	98
71) Bromoform	10.84	173	14822	16.996	ug/l #	97
73) Isopropylbenzene	11.00	105	97746	19.740	ug/l	97
74) N-amyl acetate	10.88	43	36106	19.426	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	31557	19.562	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	29161m	19.634	ug/l	
77) Bromobenzene	11.24	156	22393	18.663	ug/l	93
78) n-propylbenzene	11.34	91	110769	19.568	ug/l	97
79) 2-Chlorotoluene	11.40	91	63777	19.302	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	79144	19.151	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	11000	18.656	ug/l	95
82) 4-Chlorotoluene	11.49	91	76475	19.259	ug/l	96
83) tert-Butylbenzene	11.76	119	76760	18.610	ug/l	95
84) 1,2,4-Trimethylbenzene	11.79	105	79865	19.344	ug/l	100
85) sec-Butylbenzene	11.93	105	92393	19.048	ug/l	100
86) p-Isopropyltoluene	12.05	119	84703	19.095	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	41678	18.508	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	41728	17.824	ug/l	95
89) n-Butylbenzene	12.37	91	76554	18.935	ug/l	99
90) Hexachloroethane	12.58	117	13607	18.795	ug/l	94
91) 1,2-Dichlorobenzene	12.38	146	40015	18.482	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	7739	21.100	ug/l	82

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	25962	17.312	ug/l	98
94) Hexachlorobutadiene	13.76	225	10470	16.788	ug/l	96
95) Naphthalene	13.82	128	97723	19.133	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	25236	17.386	ug/l	98

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

