

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102220\
 Data File : VX019046.D
 Acq On : 22 Oct 2020 23:28
 Operator : JC/SP
 Sample : VX1022WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBSD02

Manual Integrations
 APPROVED

MMDadoda
 10/23/2020 1:20:10 PM

Quant Time: Oct 23 08:47:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 22 17:51:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	223868	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	382868	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	357434	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	179023	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	138595	51.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.36%	
35) Dibromofluoromethane	5.46	113	118479	48.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.76%	
50) Toluene-d8	8.70	98	457791	49.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.98%	
62) 4-Bromofluorobenzene	11.12	95	162029	49.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.48%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.18	85	44539	19.973	ug/l	98
3) Chloromethane	1.31	50	41614	18.769	ug/l	99
4) Vinyl Chloride	1.39	62	51734	19.775	ug/l	100
5) Bromomethane	1.64	94	52052	18.287	ug/l	99
6) Chloroethane	1.72	64	35029	17.507	ug/l	99
7) Trichlorofluoromethane	1.92	101	85324	19.300	ug/l	99
8) Diethyl Ether	2.17	74	33218	19.189	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	40791	19.476	ug/l	97
10) Methyl Iodide	2.49	142	39705	16.931	ug/l	100
11) Tert butyl alcohol	3.03	59	53866	99.181	ug/l	99
12) 1,1-Dichloroethene	2.36	96	41403	19.001	ug/l	96
13) Acrolein	2.28	56	18599	99.492	ug/l	97
14) Allyl chloride	2.71	41	51684	18.335	ug/l	99
15) Acrylonitrile	3.12	53	101311	96.465	ug/l	99
16) Acetone	2.42	43	86121	94.289	ug/l	99
17) Carbon Disulfide	2.55	76	112620	17.921	ug/l	98
18) Methyl Acetate	2.75	43	45402	20.032	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	134227	19.447	ug/l	98
20) Methylene Chloride	2.84	84	48623	19.122	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	48711	19.158	ug/l	99
22) Diisopropyl ether	3.82	45	107859	19.404	ug/l	98
23) Vinyl Acetate	3.78	43	507308	96.117	ug/l	98
24) 1,1-Dichloroethane	3.67	63	79178	19.560	ug/l	98
25) 2-Butanone	4.64	43	138346	95.860	ug/l	100
26) 2,2-Dichloropropane	4.55	77	61304	16.402	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	55467	19.222	ug/l	98
28) Bromochloromethane	4.98	49	33374	19.416	ug/l	100
29) Tetrahydrofuran	5.09	42	80386	93.190	ug/l	99
30) Chloroform	5.18	83	85957	19.559	ug/l	96
31) Cyclohexane	5.55	56	60004	19.108	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	77509	19.446	ug/l	99
36) 1,1-Dichloropropene	5.78	75	64319	18.722	ug/l	98
37) Ethyl Acetate	4.79	43	55719	19.002	ug/l	99
38) Carbon Tetrachloride	5.76	117	65127	18.061	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	69384	18.027	ug/l	99
40) Benzene	6.11	78	191289	18.906	ug/l	99
41) Methacrylonitrile	5.00	41	29775	18.904	ug/l	99
42) 1,2-Dichloroethane	6.17	62	67444	19.532	ug/l	100
43) Isopropyl Acetate	6.41	43	91618	18.449	ug/l	100
44) Trichloroethene	7.19	130	54782	18.566	ug/l	96
45) 1,2-Dichloropropane	7.49	63	46192	19.033	ug/l	97
46) Dibromomethane	7.64	93	34371	18.594	ug/l	99
47) Bromodichloromethane	7.88	83	67890	18.732	ug/l	98
48) Methyl methacrylate	7.74	41	44707	18.271	ug/l	99
49) 1,4-Dioxane	7.74	88	20952	378.974	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	278794	95.273	ug/l	100
52) Toluene	8.76	92	126149	18.877	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	72637	17.747	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	78392	18.138	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	50980	18.713	ug/l	99
56) Ethyl methacrylate	9.16	69	72858	18.589	ug/l	99
57) 1,3-Dichloropropane	9.35	76	82797	19.148	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	194379	94.409	ug/l	99
59) 2-Hexanone	9.47	43	212064	97.246	ug/l	99
60) Dibromochloromethane	9.57	129	54614	18.393	ug/l	99
61) 1,2-Dibromoethane	9.65	107	53208	18.254	ug/l	99
64) Tetrachloroethene	9.32	164	47801	17.565	ug/l	95
65) Chlorobenzene	10.12	112	137600	18.353	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	49858	18.704	ug/l	99
67) Ethyl Benzene	10.24	91	239689	18.546	ug/l	100
68) m/p-Xylenes	10.34	106	183370	37.040	ug/l	99
69) o-Xylene	10.68	106	86702	18.299	ug/l	99
70) Styrene	10.70	104	145617	18.102	ug/l	99
71) Bromoform	10.84	173	38063	17.689	ug/l #	98
73) Isopropylbenzene	11.00	105	235797	18.309	ug/l	99
74) N-amyl acetate	10.88	43	75078	18.195	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	74929	19.313	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	68199m	19.060	ug/l	
77) Bromobenzene	11.24	156	58514	17.991	ug/l	98
78) n-propylbenzene	11.34	91	265810	18.215	ug/l	99
79) 2-Chlorotoluene	11.40	91	155696	18.289	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	194466	18.286	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	22436	15.975	ug/l	97
82) 4-Chlorotoluene	11.49	91	183865	18.151	ug/l	99
83) tert-Butylbenzene	11.76	119	189069	18.047	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	194122	18.229	ug/l	100
85) sec-Butylbenzene	11.93	105	230709	18.198	ug/l	99
86) p-Isopropyltoluene	12.05	119	209131	18.054	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	106892	17.916	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	109045	17.809	ug/l	99
89) n-Butylbenzene	12.37	91	184870	17.435	ug/l	100
90) Hexachloroethane	12.58	117	31646	17.845	ug/l	98
91) 1,2-Dichlorobenzene	12.37	146	104183	18.728	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	15666	17.733	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	69074	16.972	ug/l	98
94) Hexachlorobutadiene	13.76	225	30009	15.905	ug/l	95
95) Naphthalene	13.82	128	231811	18.103	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	68976	17.412	ug/l	99

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

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