

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102220\
 Data File : VX019023.D
 Acq On : 22 Oct 2020 13:45
 Operator : JC/SP
 Sample : VX1022WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/23/2020 11:45:07 AM

Quant Time: Oct 23 08:59:47 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	229131	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	382542	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	349193	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	175934	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	134698	49.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.16%	
35) Dibromofluoromethane	5.46	113	113795	46.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.96%	
50) Toluene-d8	8.70	98	437982	47.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.78%	
62) 4-Bromofluorobenzene	11.12	95	156007	47.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	42725	18.720	ug/l	100
3) Chloromethane	1.31	50	41170	18.142	ug/l	99
4) Vinyl Chloride	1.39	62	49396	18.448	ug/l	100
5) Bromomethane	1.64	94	52343	17.854	ug/l	96
6) Chloroethane	1.72	64	35692	17.429	ug/l	97
7) Trichlorofluoromethane	1.92	101	82646	18.265	ug/l	99
8) Diethyl Ether	2.17	74	32321	18.242	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	38964	18.176	ug/l	98
10) Methyl Iodide	2.49	142	49723	19.650	ug/l	100
11) Tert butyl alcohol	3.03	59	54152	97.418	ug/l	99
12) 1,1-Dichloroethene	2.36	96	39693	17.798	ug/l	98
13) Acrolein	2.28	56	18330	96.306	ug/l	95
14) Allyl chloride	2.71	41	52118	18.064	ug/l	98
15) Acrylonitrile	3.12	53	101847	94.748	ug/l	99
16) Acetone	2.43	43	89187	95.402	ug/l	99
17) Carbon Disulfide	2.55	76	110239	17.139	ug/l	99
18) Methyl Acetate	2.75	43	45063	19.425	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	131516	18.617	ug/l	99
20) Methylene Chloride	2.84	84	47516	18.257	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	45836	17.613	ug/l	96
22) Diisopropyl ether	3.82	45	106851	18.782	ug/l	99
23) Vinyl Acetate	3.78	43	509438	94.304	ug/l	99
24) 1,1-Dichloroethane	3.67	63	74566	17.997	ug/l	99
25) 2-Butanone	4.64	43	140970	95.434	ug/l	99
26) 2,2-Dichloropropane	4.55	77	68065	17.793	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	53384	18.076	ug/l	99
28) Bromochloromethane	4.98	49	32237	18.324	ug/l	98
29) Tetrahydrofuran	5.09	42	80077	90.699	ug/l	99
30) Chloroform	5.18	83	82960	18.443	ug/l	98
31) Cyclohexane	5.55	56	58680	18.257	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	72588	17.793	ug/l	99
36) 1,1-Dichloropropene	5.77	75	61327	17.866	ug/l	99
37) Ethyl Acetate	4.79	43	56221	19.190	ug/l	99
38) Carbon Tetrachloride	5.76	117	63367	17.588	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	68859	17.906	ug/l	95
40) Benzene	6.12	78	185378	18.337	ug/l	99
41) Methacrylonitrile	5.00	41	28413	18.054	ug/l	96
42) 1,2-Dichloroethane	6.16	62	65637	19.025	ug/l	99
43) Isopropyl Acetate	6.41	43	93220	18.788	ug/l	99
44) Trichloroethene	7.19	130	52721	17.883	ug/l	99
45) 1,2-Dichloropropane	7.49	63	44721	18.442	ug/l	100
46) Dibromomethane	7.64	93	33700	18.247	ug/l	100
47) Bromodichloromethane	7.87	83	65598	18.115	ug/l	97
48) Methyl methacrylate	7.74	41	43902	17.957	ug/l	99
49) 1,4-Dioxane	7.74	88	22173	401.401	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	283842	97.081	ug/l	99
52) Toluene	8.76	92	121965	18.266	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	72559	17.743	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	77048	17.842	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	49866	18.320	ug/l	98
56) Ethyl methacrylate	9.16	69	71713	18.313	ug/l	98
57) 1,3-Dichloropropane	9.35	76	81763	18.925	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	198832	96.654	ug/l	99
59) 2-Hexanone	9.47	43	215252	98.792	ug/l	99
60) Dibromochloromethane	9.57	129	52012	17.532	ug/l	98
61) 1,2-Dibromoethane	9.65	107	52936	18.176	ug/l	100
64) Tetrachloroethene	9.32	164	48266	18.155	ug/l	93
65) Chlorobenzene	10.12	112	131246	17.918	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	48582	18.656	ug/l	98
67) Ethyl Benzene	10.24	91	231433	18.330	ug/l	99
68) m/p-Xylenes	10.34	106	175520	36.291	ug/l	97
69) o-Xylene	10.68	106	83594	18.059	ug/l	97
70) Styrene	10.70	104	142854	18.178	ug/l	99
71) Bromoform	10.84	173	37801	17.981	ug/l #	98
73) Isopropylbenzene	11.00	105	227669	17.989	ug/l	100
74) N-amyl acetate	10.88	43	75460	18.609	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	73800	19.356	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	68320m	19.429	ug/l	
77) Bromobenzene	11.24	156	57495	17.988	ug/l	98
78) n-propylbenzene	11.34	91	260471	18.162	ug/l	99
79) 2-Chlorotoluene	11.40	91	149005	17.810	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	189262	18.109	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	24398	17.677	ug/l	97
82) 4-Chlorotoluene	11.49	91	178475	17.928	ug/l	99
83) tert-Butylbenzene	11.76	119	186046	18.070	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	191000	18.251	ug/l	100
85) sec-Butylbenzene	11.93	105	223543	17.942	ug/l	99
86) p-Isopropyltoluene	12.05	119	207727	18.247	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	105631	18.015	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	105126	17.471	ug/l	98
89) n-Butylbenzene	12.37	91	189958	18.230	ug/l	99
90) Hexachloroethane	12.58	117	31665	18.169	ug/l	100
91) 1,2-Dichlorobenzene	12.37	146	99438	18.189	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	15622	17.994	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	69836	17.461	ug/l	99
94) Hexachlorobutadiene	13.76	225	31324	16.893	ug/l	98
95) Naphthalene	13.82	128	227706	18.095	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	67398	17.312	ug/l	99

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

