

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110720\
 Data File : VX019331.D
 Acq On : 06 Nov 2020 11:07
 Operator : JC/MD
 Sample : VX1107WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1107WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/9/2020 9:37:16 AM

Quant Time: Nov 07 01:36:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:55:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	272422	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	458145	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	416351	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	209969	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	176717	50.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.60%	
35) Dibromofluoromethane	5.46	113	135787	47.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.36%	
50) Toluene-d8	8.70	98	525706	48.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.92%	
62) 4-Bromofluorobenzene	11.12	95	203315	49.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	41997	18.492	ug/l	98
3) Chloromethane	1.31	50	48488	19.110	ug/l	99
4) Vinyl Chloride	1.39	62	56835	19.315	ug/l	98
5) Bromomethane	1.64	94	41509	20.656	ug/l	97
6) Chloroethane	1.71	64	37642	20.036	ug/l	97
7) Trichlorofluoromethane	1.92	101	88474	19.139	ug/l	96
8) Diethyl Ether	2.17	74	35797	20.177	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	50385	19.664	ug/l	98
10) Methyl Iodide	2.49	142	44894	19.329	ug/l	100
11) Tert butyl alcohol	3.01	59	65051	93.746	ug/l	100
12) 1,1-Dichloroethene	2.36	96	49476	18.738	ug/l	95
13) Acrolein	2.27	56	22160	75.461	ug/l	99
14) Allyl chloride	2.71	41	79598	19.903	ug/l	98
15) Acrylonitrile	3.11	53	143529	98.432	ug/l	99
16) Acetone	2.42	43	127837	105.476	ug/l	99
17) Carbon Disulfide	2.55	76	129046	17.645	ug/l	99
18) Methyl Acetate	2.75	43	61760	20.955	ug/l	98
19) Methyl tert-butyl Ether	3.16	73	183569	20.065	ug/l	100
20) Methylene Chloride	2.83	84	58026	19.070	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	56341	18.541	ug/l	93
22) Diisopropyl ether	3.82	45	166095	20.832	ug/l #	88
23) Vinyl Acetate	3.78	43	718002	100.986	ug/l	98
24) 1,1-Dichloroethane	3.67	63	100281	20.145	ug/l	98
25) 2-Butanone	4.63	43	193898	101.511	ug/l	98
26) 2,2-Dichloropropane	4.55	77	92173	19.696	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	65599	19.318	ug/l	97
28) Bromochloromethane	4.98	49	47092	20.809	ug/l	92
29) Tetrahydrofuran	5.09	42	121896	101.264	ug/l	97
30) Chloroform	5.17	83	105110	19.837	ug/l	99
31) Cyclohexane	5.55	56	87228	19.642	ug/l	95
32) 1,1,1-Trichloroethane	5.46	97	94816	19.737	ug/l	99
36) 1,1-Dichloropropene	5.77	75	79834	18.870	ug/l	99
37) Ethyl Acetate	4.79	43	75720	19.277	ug/l	99
38) Carbon Tetrachloride	5.75	117	79965	18.544	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	94559	18.693	ug/l	96
40) Benzene	6.11	78	231347	19.287	ug/l	98
41) Methacrylonitrile	5.00	41	40268	19.036	ug/l	98
42) 1,2-Dichloroethane	6.16	62	87109	19.704	ug/l	99
43) Isopropyl Acetate	6.40	43	126020	19.160	ug/l	99
44) Trichloroethene	7.18	130	63039	18.350	ug/l	96
45) 1,2-Dichloropropane	7.49	63	58528	19.921	ug/l	96
46) Dibromomethane	7.63	93	40641	18.706	ug/l	97
47) Bromodichloromethane	7.87	83	81454	19.021	ug/l	99
48) Methyl methacrylate	7.74	41	61310	19.367	ug/l	98
49) 1,4-Dioxane	7.71	88	26172	371.757	ug/l	95
51) 4-Methyl-2-Pentanone	8.62	43	377281	99.803	ug/l	99
52) Toluene	8.76	92	147866	19.140	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	90437	18.490	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	97447	18.946	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	58496	19.163	ug/l	98
56) Ethyl methacrylate	9.16	69	88083	19.104	ug/l	97
57) 1,3-Dichloropropane	9.35	76	99955	19.422	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	231984	89.966	ug/l	96
59) 2-Hexanone	9.47	43	288227	100.164	ug/l	99
60) Dibromochloromethane	9.56	129	60768	18.344	ug/l	99
61) 1,2-Dibromoethane	9.65	107	60746	18.610	ug/l	99
64) Tetrachloroethene	9.32	164	60029	18.924	ug/l	98
65) Chlorobenzene	10.12	112	156179	18.353	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	56731	18.518	ug/l	100
67) Ethyl Benzene	10.23	91	283734	18.711	ug/l	98
68) m/p-Xylenes	10.34	106	211888	37.231	ug/l	96
69) o-Xylene	10.68	106	101428	18.790	ug/l	100
70) Styrene	10.70	104	171548	18.625	ug/l	99
71) Bromoform	10.84	173	41472	17.074	ug/l #	99
73) Isopropylbenzene	11.00	105	279052	18.775	ug/l	99
74) N-amyl acetate	10.88	43	102278	18.821	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	88974	19.155	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	84261m	19.436	ug/l	
77) Bromobenzene	11.24	156	66166	17.937	ug/l	92
78) n-propylbenzene	11.34	91	327837	19.323	ug/l	99
79) 2-Chlorotoluene	11.40	91	193473	19.369	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	237155	18.888	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	27766	16.863	ug/l	94
82) 4-Chlorotoluene	11.49	91	228832	18.760	ug/l	98
83) tert-Butylbenzene	11.76	119	224246	18.653	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	240989	19.012	ug/l	99
85) sec-Butylbenzene	11.93	105	277136	19.220	ug/l	98
86) p-Isopropyltoluene	12.05	119	254940	19.156	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	124534	18.129	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	129425	18.100	ug/l	98
89) n-Butylbenzene	12.37	91	237823	19.011	ug/l	98
90) Hexachloroethane	12.58	117	40140	17.744	ug/l	94
91) 1,2-Dichlorobenzene	12.37	146	122258	18.535	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	19417	17.076	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	84404	17.035	ug/l	99
94) Hexachlorobutadiene	13.76	225	35123	16.104	ug/l	99
95) Naphthalene	13.82	128	265735	17.029	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	79853	16.613	ug/l	98

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

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