

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101320\
 Data File : VX018929.D
 Acq On : 13 Oct 2020 14:04
 Operator : JC/SP
 Sample : VX1013WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1013WBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/14/2020 2:08:27 PM

Quant Time: Oct 14 02:33:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100920W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 10 06:09:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	244315	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	354075	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	335743	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	188168	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	158949	44.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.22%	
35) Dibromofluoromethane	5.46	113	119079	47.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.38%	
50) Toluene-d8	8.70	98	424076	48.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.90%	
62) 4-Bromofluorobenzene	11.12	95	168195	48.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	54588	19.902	ug/l	94
3) Chloromethane	1.31	50	50001	21.836	ug/l	97
4) Vinyl Chloride	1.39	62	54427	21.263	ug/l	95
5) Bromomethane	1.64	94	33448	23.462	ug/l	95
6) Chloroethane	1.71	64	33684	19.648	ug/l	97
7) Trichlorofluoromethane	1.92	101	87220	17.287	ug/l	99
8) Diethyl Ether	2.17	74	27536	20.210	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	44820	18.496	ug/l	98
10) Methyl Iodide	2.50	142	38381	17.863	ug/l	96
11) Tert butyl alcohol	3.01	59	53949	95.059	ug/l	98
12) 1,1-Dichloroethene	2.35	96	42463	19.272	ug/l	97
13) Acrolein	2.27	56	32090	67.959	ug/l	97
14) Allyl chloride	2.71	41	81841	20.006	ug/l	94
15) Acrylonitrile	3.11	53	127997	106.341	ug/l	100
16) Acetone	2.42	43	132858	94.454	ug/l	98
17) Carbon Disulfide	2.55	76	124147	18.764	ug/l	100
18) Methyl Acetate	2.75	43	63505	21.201	ug/l	96
19) Methyl tert-butyl Ether	3.17	73	143693	18.994	ug/l	97
20) Methylene Chloride	2.83	84	52185	20.603	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	49926	19.077	ug/l	99
22) Diisopropyl ether	3.82	45	156213	21.336	ug/l	96
23) Vinyl Acetate	3.78	43	738021	104.811	ug/l	100
24) 1,1-Dichloroethane	3.67	63	94006	19.097	ug/l	96
25) 2-Butanone	4.63	43	188572	96.617	ug/l	98
26) 2,2-Dichloropropane	4.55	77	81953	17.255	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	52382	18.024	ug/l	98
28) Bromochloromethane	4.98	49	39345	19.068	ug/l	95
29) Tetrahydrofuran	5.09	42	103043	98.403	ug/l	96
30) Chloroform	5.17	83	94356	17.398	ug/l	95
31) Cyclohexane	5.55	56	58044	17.246	ug/l	93
32) 1,1,1-Trichloroethane	5.46	97	84006	16.299	ug/l	99
36) 1,1-Dichloropropene	5.76	75	64875	17.427	ug/l	98
37) Ethyl Acetate	4.79	43	69659	19.377	ug/l	100
38) Carbon Tetrachloride	5.75	117	77480	16.792	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	57941	16.884	ug/l	99
40) Benzene	6.11	78	178902	17.887	ug/l	99
41) Methacrylonitrile	5.00	41	38919	18.662	ug/l	98
42) 1,2-Dichloroethane	6.17	62	79794	17.017	ug/l	98
43) Isopropyl Acetate	6.41	43	104219	17.444	ug/l	99
44) Trichloroethene	7.19	130	51592	17.201	ug/l	98
45) 1,2-Dichloropropane	7.49	63	46656	17.630	ug/l	99
46) Dibromomethane	7.63	93	34276	17.526	ug/l	93
47) Bromodichloromethane	7.87	83	73923	17.443	ug/l	100
48) Methyl methacrylate	7.74	41	50698	16.723	ug/l	96
49) 1,4-Dioxane	7.71	88	13526	318.200	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	326359	93.590	ug/l	99
52) Toluene	8.76	92	117000	18.229	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	78996	18.002	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	80328	17.794	ug/l	93
55) 1,1,2-Trichloroethane	9.20	97	49566	17.978	ug/l	97
56) Ethyl methacrylate	9.16	69	65447	18.242	ug/l	96
57) 1,3-Dichloropropane	9.35	76	83861	18.746	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	177498	88.985	ug/l	99
59) 2-Hexanone	9.47	43	242209	91.167	ug/l	99
60) Dibromochloromethane	9.57	129	63447	18.333	ug/l	96
61) 1,2-Dibromoethane	9.65	107	53822	18.205	ug/l	98
64) Tetrachloroethene	9.32	164	51876	20.461	ug/l	88
65) Chlorobenzene	10.12	112	129349	17.828	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.20	131	54158	18.093	ug/l	99
67) Ethyl Benzene	10.23	91	215349	17.594	ug/l	100
68) m/p-Xylenes	10.34	106	169137	36.371	ug/l	99
69) o-Xylene	10.68	106	77756	17.747	ug/l	100
70) Styrene	10.69	104	136846	18.449	ug/l	99
71) Bromoform	10.84	173	47056	18.175	ug/l #	95
73) Isopropylbenzene	11.00	105	218521	17.753	ug/l	99
74) N-amyl acetate	10.88	43	86828	17.829	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	73757	17.978	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	71460m	17.625	ug/l	
77) Bromobenzene	11.24	156	61786	18.273	ug/l	97
78) n-propylbenzene	11.34	91	248281	17.702	ug/l	99
79) 2-Chlorotoluene	11.40	91	156790	17.933	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	189826	18.029	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	24796	17.332	ug/l	96
82) 4-Chlorotoluene	11.49	91	192501	18.517	ug/l	100
83) tert-Butylbenzene	11.76	119	185253	17.569	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	196882	18.395	ug/l	96
85) sec-Butylbenzene	11.93	105	211773	17.828	ug/l	99
86) p-Isopropyltoluene	12.05	119	203508	18.059	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	112721	18.152	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	116295	18.489	ug/l	99
89) n-Butylbenzene	12.37	91	172004	17.567	ug/l	100
90) Hexachloroethane	12.58	117	34739	16.581	ug/l	90
91) 1,2-Dichlorobenzene	12.38	146	107754	18.229	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	17176	16.370	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	75204	19.831	ug/l	95
94) Hexachlorobutadiene	13.76	225	36625	21.744	ug/l	97
95) Naphthalene	13.82	128	196677	17.655	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	75586	20.372	ug/l	96

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

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