

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112320\
 Data File : VX019543.D
 Acq On : 23 Nov 2020 12:16
 Operator : JC/MD
 Sample : VX1123WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1123WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/24/2020 2:59:28 PM

Quant Time: Nov 24 03:54:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	304110	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	505413	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	437052	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	210883	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	184245	46.73	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.46%
35) Dibromofluoromethane	5.46	113	150093	47.31	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.62%
50) Toluene-d8	8.70	98	569412	46.19	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	92.38%
62) 4-Bromofluorobenzene	11.12	95	208855	47.09	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	94.18%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	53788	18.188	ug/l 99
3) Chloromethane	1.31	50	53459	15.753	ug/l 100
4) Vinyl Chloride	1.39	62	63491	17.380	ug/l 97
5) Bromomethane	1.62	94	20674	14.941	ug/l 98
6) Chloroethane	1.68	64	15507	14.412	ug/l 99
7) Trichlorofluoromethane	1.89	101	95022	18.022	ug/l 97
8) Diethyl Ether	2.17	74	38937	18.439	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.35	101	54101	18.392	ug/l 99
10) Methyl Iodide	2.48	142	60755	15.722	ug/l 100
11) Tert butyl alcohol	3.04	59	75113	100.658	ug/l 99
12) 1,1-Dichloroethene	2.34	96	54819	18.157	ug/l 95
13) Acrolein	2.28	56	34834	69.445	ug/l 99
14) Allyl chloride	2.70	41	82818	17.510	ug/l 99
15) Acrylonitrile	3.12	53	158634	90.140	ug/l 99
16) Acetone	2.43	43	137885	90.426	ug/l 98
17) Carbon Disulfide	2.54	76	135132	16.660	ug/l 99
18) Methyl Acetate	2.75	43	67329	18.414	ug/l 100
19) Methyl tert-butyl Ether	3.17	73	199891	19.180	ug/l 98
20) Methylene Chloride	2.82	84	64145	16.831	ug/l 98
21) trans-1,2-Dichloroethene	3.14	96	62162	18.172	ug/l 99
22) Diisopropyl ether	3.82	45	177897	18.182	ug/l 96
23) Vinyl Acetate	3.78	43	771680	94.026	ug/l 100
24) 1,1-Dichloroethane	3.66	63	107605	17.980	ug/l 100
25) 2-Butanone	4.64	43	209778	91.582	ug/l 99
26) 2,2-Dichloropropane	4.54	77	96344	18.443	ug/l 100
27) cis-1,2-Dichloroethene	4.56	96	72108	18.351	ug/l 96
28) Bromochloromethane	4.97	49	48216	16.851	ug/l 97
29) Tetrahydrofuran	5.09	42	131443	89.936	ug/l 98
30) Chloroform	5.17	83	113121	18.077	ug/l 99
31) Cyclohexane	5.54	56	92175	17.973	ug/l 97
32) 1,1,1-Trichloroethane	5.45	97	100795	18.751	ug/l 99
36) 1,1-Dichloropropene	5.76	75	83727	17.670	ug/l 98
37) Ethyl Acetate	4.79	43	81458	18.312	ug/l 99
38) Carbon Tetrachloride	5.74	117	84193	18.358	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	97159	17.611	ug/l	98
40) Benzene	6.10	78	256943	17.649	ug/l	99
41) Methacrylonitrile	5.00	41	43539	17.750	ug/l	98
42) 1,2-Dichloroethane	6.15	62	90419	18.120	ug/l	99
43) Isopropyl Acetate	6.41	43	133844	17.900	ug/l	99
44) Trichloroethene	7.18	130	68748	18.028	ug/l	95
45) 1,2-Dichloropropane	7.48	63	63859	17.818	ug/l	98
46) Dibromomethane	7.63	93	43823	17.865	ug/l	99
47) Bromodichloromethane	7.87	83	85526	17.968	ug/l	98
48) Methyl methacrylate	7.74	41	63984	18.271	ug/l	99
49) 1,4-Dioxane	7.72	88	31206	392.469	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	399954	91.725	ug/l	99
52) Toluene	8.76	92	161850	18.173	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	94229	18.330	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	104851	18.379	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	65682	18.109	ug/l	96
56) Ethyl methacrylate	9.16	69	95515	18.610	ug/l	99
57) 1,3-Dichloropropane	9.35	76	107985	17.782	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	250725	83.371	ug/l	98
59) 2-Hexanone	9.47	43	306151	92.577	ug/l	99
60) Dibromochloromethane	9.56	129	64661	18.200	ug/l	98
61) 1,2-Dibromoethane	9.65	107	67150	17.961	ug/l	98
64) Tetrachloroethene	9.32	164	60015	17.469	ug/l	92
65) Chlorobenzene	10.12	112	166528	18.532	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	62223	19.037	ug/l	98
67) Ethyl Benzene	10.23	91	297223	18.881	ug/l	99
68) m/p-Xylenes	10.34	106	222819	37.992	ug/l	100
69) o-Xylene	10.68	106	107234	19.127	ug/l	100
70) Styrene	10.70	104	178527	18.282	ug/l	99
71) Bromoform	10.84	173	46145	19.068	ug/l #	97
73) Isopropylbenzene	11.00	105	287250	19.690	ug/l	100
74) N-amyl acetate	10.88	43	112782	20.631	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	99357	19.045	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	90919m	19.756	ug/l	
77) Bromobenzene	11.24	156	70904	19.039	ug/l	99
78) n-propylbenzene	11.34	91	320172	19.131	ug/l	99
79) 2-Chlorotoluene	11.40	91	196325	19.343	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	238600	19.497	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	30878	20.821	ug/l	98
82) 4-Chlorotoluene	11.49	91	228937	19.161	ug/l	100
83) tert-Butylbenzene	11.76	119	233889	19.755	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	245949	19.863	ug/l	100
85) sec-Butylbenzene	11.93	105	268050	19.031	ug/l	99
86) p-Isopropyltoluene	12.05	119	247396	19.346	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	127894	18.699	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	129636	18.401	ug/l	97
89) n-Butylbenzene	12.37	91	210257	18.186	ug/l	100
90) Hexachloroethane	12.58	117	39186	18.312	ug/l	100
91) 1,2-Dichlorobenzene	12.37	146	127105	18.503	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	21510	20.210	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	81850	18.559	ug/l	99
94) Hexachlorobutadiene	13.76	225	32622	16.238	ug/l	98
95) Naphthalene	13.82	128	280202	19.407	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	79837	18.098	ug/l	99

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

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