

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120720\
 Data File : VX019749.D
 Acq On : 07 Dec 2020 13:58
 Operator : JC/MD
 Sample : VX1207WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1207WBSD01

Manual Integrations
 APPROVED

MMDadoda
 12/8/2020 5:05:09 PM

Quant Time: Dec 08 06:08:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	291422	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	468631	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	433447	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	215201	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	177949	46.46	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	92.92%
35) Dibromofluoromethane	5.46	113	145814	48.14	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.28%
50) Toluene-d8	8.70	98	560718	48.49	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.98%
62) 4-Bromofluorobenzene	11.12	95	213187	48.44	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.88%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	50800	19.040	ug/l 99
3) Chloromethane	1.31	50	55184	17.587	ug/l 98
4) Vinyl Chloride	1.39	62	61370	18.549	ug/l 100
5) Bromomethane	1.62	94	37273	33.928	ug/l 96
6) Chloroethane	1.71	64	39592	19.920	ug/l 99
7) Trichlorofluoromethane	1.92	101	87270	18.940	ug/l 98
8) Diethyl Ether	2.17	74	36969	18.933	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	49846	18.874	ug/l 100
10) Methyl Iodide	2.49	142	65832	16.911	ug/l 99
11) Tert butyl alcohol	3.01	59	77394	96.686	ug/l 99
12) 1,1-Dichloroethene	2.36	96	50016	18.732	ug/l 97
13) Acrolein	2.27	56	43038	101.799	ug/l 99
14) Allyl chloride	2.70	41	82579	18.312	ug/l 100
15) Acrylonitrile	3.11	53	164963	95.272	ug/l 100
16) Acetone	2.42	43	132835	92.269	ug/l 99
17) Carbon Disulfide	2.55	76	133972	17.487	ug/l 98
18) Methyl Acetate	2.75	43	68688	19.497	ug/l 99
19) Methyl tert-butyl Ether	3.16	73	190800	19.622	ug/l 99
20) Methylene Chloride	2.83	84	64676	18.790	ug/l 98
21) trans-1,2-Dichloroethene	3.14	96	58929	18.931	ug/l 97
22) Diisopropyl ether	3.82	45	178673	19.597	ug/l 96
23) Vinyl Acetate	3.78	43	759885	97.826	ug/l 100
24) 1,1-Dichloroethane	3.67	63	103055	18.744	ug/l 100
25) 2-Butanone	4.63	43	210820	95.300	ug/l 99
26) 2,2-Dichloropropane	4.54	77	85777	18.116	ug/l 100
27) cis-1,2-Dichloroethene	4.56	96	69007	18.943	ug/l 98
28) Bromochloromethane	4.98	49	47538	18.137	ug/l 100
29) Tetrahydrofuran	5.08	42	133907	93.952	ug/l 100
30) Chloroform	5.17	83	107714	19.053	ug/l 100
31) Cyclohexane	5.54	56	90847	19.068	ug/l 99
32) 1,1,1-Trichloroethane	5.46	97	91994	18.896	ug/l 99
36) 1,1-Dichloropropene	5.76	75	79504	18.774	ug/l 99
37) Ethyl Acetate	4.79	43	80845	18.908	ug/l 100
38) Carbon Tetrachloride	5.75	117	77781	18.757	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	94664	19.027	ug/l	99
40) Benzene	6.11	78	247248	19.114	ug/l	99
41) Methacrylonitrile	4.99	41	43729	18.628	ug/l	97
42) 1,2-Dichloroethane	6.15	62	86750	19.628	ug/l	99
43) Isopropyl Acetate	6.40	43	132021	18.992	ug/l	100
44) Trichloroethene	7.18	130	64059	18.874	ug/l	100
45) 1,2-Dichloropropane	7.48	63	62631	19.372	ug/l	98
46) Dibromomethane	7.63	93	42835	19.620	ug/l	99
47) Bromodichloromethane	7.87	83	82795	19.111	ug/l	99
48) Methyl methacrylate	7.74	41	64785	18.950	ug/l	100
49) 1,4-Dioxane	7.71	88	31872	384.845	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	413239	97.370	ug/l	99
52) Toluene	8.76	92	156939	19.398	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	91455	19.023	ug/l	96
54) cis-1,3-Dichloropropene	8.41	75	100238	19.192	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	64217	19.696	ug/l	99
56) Ethyl methacrylate	9.16	69	95546	19.369	ug/l	99
57) 1,3-Dichloropropane	9.35	76	108911	19.563	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	259654	99.362	ug/l	100
59) 2-Hexanone	9.47	43	312890	95.113	ug/l	99
60) Dibromochloromethane	9.56	129	65087	19.649	ug/l	99
61) 1,2-Dibromoethane	9.65	107	67093	19.379	ug/l	100
64) Tetrachloroethene	9.32	164	55662	19.149	ug/l	95
65) Chlorobenzene	10.12	112	165401	19.154	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	60800	19.561	ug/l	99
67) Ethyl Benzene	10.23	91	292927	19.110	ug/l	97
68) m/p-Xylenes	10.34	106	223793	38.746	ug/l	99
69) o-Xylene	10.68	106	106745	19.212	ug/l	100
70) Styrene	10.70	104	181929	19.399	ug/l	99
71) Bromoform	10.84	173	45814	18.737	ug/l #	97
73) Isopropylbenzene	11.00	105	288449	19.619	ug/l	100
74) N-amyl acetate	10.88	43	108724	18.453	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	103336	19.936	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	95259m	19.736	ug/l	
77) Bromobenzene	11.24	156	73438	19.518	ug/l	99
78) n-propylbenzene	11.34	91	326449	19.440	ug/l	100
79) 2-Chlorotoluene	11.40	91	201068	19.444	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	241215	19.440	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.05	75	30747	18.415	ug/l	96
82) 4-Chlorotoluene	11.49	91	233151	19.251	ug/l	99
83) tert-Butylbenzene	11.76	119	238348	19.585	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	243278	19.463	ug/l	99
85) sec-Butylbenzene	11.93	105	271517	19.542	ug/l	100
86) p-Isopropyltoluene	12.05	119	252584	19.836	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	132486	19.185	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	135905	19.322	ug/l	100
89) n-Butylbenzene	12.37	91	212144	18.804	ug/l	100
90) Hexachloroethane	12.58	117	42417	19.294	ug/l	96
91) 1,2-Dichlorobenzene	12.37	146	132086	19.621	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	20573	18.462	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	82215	18.762	ug/l	100
94) Hexachlorobutadiene	13.76	225	37215	19.001	ug/l	99
95) Naphthalene	13.82	128	272340	19.170	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	79777	18.628	ug/l	99

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

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