

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120120\
 Data File : VX019689.D
 Acq On : 01 Dec 2020 12:50
 Operator : JC/MD
 Sample : VX1201WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1201WBSD01

Manual Integrations
 APPROVED

MMDadoda
 12/2/2020 12:44:01 PM

Quant Time: Dec 02 02:22:46 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	270293	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	444075	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	400969	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	187870	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	178344	50.89	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	101.78%
35) Dibromofluoromethane	5.46	113	144489	51.84	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	103.68%
50) Toluene-d8	8.70	98	541595	50.00	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.00%
62) 4-Bromofluorobenzene	11.12	95	194354	49.87	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.74%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	45985	17.495	ug/l 97
3) Chloromethane	1.31	50	49219	16.318	ug/l 100
4) Vinyl Chloride	1.39	62	56373	17.362	ug/l 99
5) Bromomethane	1.62	94	20827	16.935	ug/l 99
6) Chloroethane	1.69	64	34023	42.367	ug/l 97
7) Trichlorofluoromethane	1.90	101	82497	17.604	ug/l 97
8) Diethyl Ether	2.17	74	35311	18.814	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	48012	18.364	ug/l 99
10) Methyl Iodide	2.48	142	61342	17.860	ug/l 99
11) Tert butyl alcohol	3.04	59	79084	119.238	ug/l 98
12) 1,1-Dichloroethene	2.34	96	46908	17.481	ug/l 98
13) Acrolein	2.28	56	29504	66.178	ug/l 99
14) Allyl chloride	2.70	41	78370	18.643	ug/l 98
15) Acrylonitrile	3.12	53	163125	104.289	ug/l 99
16) Acetone	2.42	43	136906	101.017	ug/l 99
17) Carbon Disulfide	2.54	76	114645	15.903	ug/l 100
18) Methyl Acetate	2.75	43	71059	21.747	ug/l 100
19) Methyl tert-butyl Ether	3.17	73	188721	20.374	ug/l 98
20) Methylene Chloride	2.83	84	62278	18.385	ug/l 96
21) trans-1,2-Dichloroethene	3.14	96	55504	18.256	ug/l 97
22) Diisopropyl ether	3.82	45	173295	19.927	ug/l 97
23) Vinyl Acetate	3.78	43	736327	100.943	ug/l 99
24) 1,1-Dichloroethane	3.66	63	100831	18.956	ug/l 98
25) 2-Butanone	4.64	43	210536	103.412	ug/l 100
26) 2,2-Dichloropropane	4.54	77	84087	18.111	ug/l 99
27) cis-1,2-Dichloroethene	4.56	96	66670	19.090	ug/l 98
28) Bromochloromethane	4.97	49	46886	18.436	ug/l 99
29) Tetrahydrofuran	5.09	42	133757	102.969	ug/l 100
30) Chloroform	5.17	83	107533	19.333	ug/l 99
31) Cyclohexane	5.54	56	81742	17.933	ug/l 97
32) 1,1,1-Trichloroethane	5.46	97	89398	18.711	ug/l 99
36) 1,1-Dichloropropene	5.76	75	75901	18.231	ug/l 99
37) Ethyl Acetate	4.79	43	82408	21.085	ug/l 100
38) Carbon Tetrachloride	5.74	117	75788	18.807	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	86994	17.946	ug/l	97
40) Benzene	6.10	78	240114	18.771	ug/l	99
41) Methacrylonitrile	5.01	41	43801	20.323	ug/l	99
42) 1,2-Dichloroethane	6.16	62	86057	19.628	ug/l	99
43) Isopropyl Acetate	6.41	43	130159	19.811	ug/l	100
44) Trichloroethene	7.18	130	61369	18.316	ug/l	96
45) 1,2-Dichloropropane	7.48	63	61214	19.439	ug/l	98
46) Dibromomethane	7.63	93	41890	19.436	ug/l	100
47) Bromodichloromethane	7.87	83	80533	19.256	ug/l	99
48) Methyl methacrylate	7.74	41	62588	20.341	ug/l	99
49) 1,4-Dioxane	7.71	88	30006	429.502	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	396153	103.402	ug/l	99
52) Toluene	8.76	92	147093	18.797	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	86564	19.165	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	97683	19.488	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	62570	19.633	ug/l	97
56) Ethyl methacrylate	9.16	69	90112	19.983	ug/l	99
57) 1,3-Dichloropropane	9.35	76	105372	19.749	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	246209	93.177	ug/l	99
59) 2-Hexanone	9.47	43	297136	102.261	ug/l	100
60) Dibromochloromethane	9.56	129	60428	19.358	ug/l	98
61) 1,2-Dibromoethane	9.65	107	65445	19.922	ug/l	100
64) Tetrachloroethene	9.32	164	53745	17.052	ug/l	95
65) Chlorobenzene	10.12	112	152930	18.550	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	57186	19.070	ug/l	99
67) Ethyl Benzene	10.23	91	273196	18.917	ug/l	99
68) m/p-Xylenes	10.34	106	202374	37.612	ug/l	100
69) o-Xylene	10.68	106	97327	18.922	ug/l	100
70) Styrene	10.70	104	162346	18.136	ug/l	99
71) Bromoform	10.84	173	40154	18.271	ug/l #	98
73) Isopropylbenzene	11.00	105	262575	20.204	ug/l	100
74) N-amyl acetate	10.88	43	101253	20.791	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	93521	20.122	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	85662m	20.893	ug/l	
77) Bromobenzene	11.24	156	64613	19.475	ug/l	97
78) n-propylbenzene	11.34	91	290286	19.470	ug/l	99
79) 2-Chlorotoluene	11.40	91	177169	19.594	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	214077	19.636	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	27624	20.890	ug/l	96
82) 4-Chlorotoluene	11.49	91	207837	19.526	ug/l	99
83) tert-Butylbenzene	11.76	119	211274	20.031	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	215570	19.542	ug/l	98
85) sec-Butylbenzene	11.93	105	239013	19.048	ug/l	100
86) p-Isopropyltoluene	12.05	119	217334	19.077	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	114271	18.754	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	118263	18.843	ug/l	100
89) n-Butylbenzene	12.37	91	182352	17.705	ug/l	99
90) Hexachloroethane	12.58	117	34994	18.356	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	115787	18.920	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	18648	19.667	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	72971	18.573	ug/l	95
94) Hexachlorobutadiene	13.76	225	29981	16.751	ug/l	98
95) Naphthalene	13.82	128	245327	19.111	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	72682	18.494	ug/l	99

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

