

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112120\
 Data File : VX019496.D
 Acq On : 20 Nov 2020 15:25
 Operator : JC/MD
 Sample : VX1121WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/23/2020 3:50:47 PM

Quant Time: Nov 21 04:02:48 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	229760	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.82	114	390896	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	376109	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	181755	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	160537	53.89	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	107.78%
35) Dibromofluoromethane	5.46	113	124964	50.93	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.86%
50) Toluene-d8	8.69	98	476018	49.93	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.86%
62) 4-Bromofluorobenzene	11.12	95	179162	52.23	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	104.46%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	39633	17.738	ug/l	98
3) Chloromethane	1.31	50	50974	19.881	ug/l	99
4) Vinyl Chloride	1.39	62	50047	18.133	ug/l	100
5) Bromomethane	1.62	94	23272	22.261	ug/l	99
6) Chloroethane	1.70	64	18339	25.173	ug/l	98
7) Trichlorofluoromethane	1.90	101	69398	17.421	ug/l	99
8) Diethyl Ether	2.17	74	33920	21.261	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	40196	18.087	ug/l	98
10) Methyl Iodide	2.48	142	48389	16.574	ug/l	99
11) Tert butyl alcohol	3.04	59	77203	136.937	ug/l	97
12) 1,1-Dichloroethene	2.34	96	40746	17.863	ug/l	96
13) Acrolein	2.27	56	36055	95.139	ug/l	100
14) Allyl chloride	2.70	41	66299	18.553	ug/l	100
15) Acrylonitrile	3.12	53	147386	110.850	ug/l	99
16) Acetone	2.42	43	119375	103.620	ug/l	99
17) Carbon Disulfide	2.54	76	104755	17.094	ug/l	100
18) Methyl Acetate	2.75	43	60872	21.911	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	167402	21.261	ug/l	100
20) Methylene Chloride	2.82	84	57015	19.801	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	47696	18.455	ug/l	97
22) Diisopropyl ether	3.82	45	152957	20.691	ug/l	95
23) Vinyl Acetate	3.78	43	662222	106.800	ug/l	100
24) 1,1-Dichloroethane	3.66	63	88963	19.675	ug/l	100
25) 2-Butanone	4.64	43	189019	109.222	ug/l	99
26) 2,2-Dichloropropane	4.54	77	68354	17.320	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	57814	19.475	ug/l	97
28) Bromochloromethane	4.97	49	39598	18.318	ug/l	99
29) Tetrahydrofuran	5.09	42	118656	107.459	ug/l	99
30) Chloroform	5.17	83	93605	19.798	ug/l	96
31) Cyclohexane	5.54	56	66696	17.214	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	74418	18.324	ug/l	99
36) 1,1-Dichloropropene	5.76	75	63101	17.219	ug/l	98
37) Ethyl Acetate	4.79	43	72579	21.096	ug/l	99
38) Carbon Tetrachloride	5.74	117	61733	17.404	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	72524	16.997	ug/l	98
40) Benzene	6.10	78	210439	18.690	ug/l	98
41) Methacrylonitrile	5.00	41	39112	20.616	ug/l	99
42) 1,2-Dichloroethane	6.15	62	78730	20.400	ug/l	100
43) Isopropyl Acetate	6.41	43	118506	20.491	ug/l	99
44) Trichloroethene	7.18	130	53268	18.061	ug/l	93
45) 1,2-Dichloropropane	7.48	63	53825	19.418	ug/l	99
46) Dibromomethane	7.63	93	38461	20.273	ug/l	97
47) Bromodichloromethane	7.87	83	71650	19.463	ug/l	97
48) Methyl methacrylate	7.74	41	56770	20.960	ug/l	99
49) 1,4-Dioxane	7.71	88	28518	463.736	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	368933	109.398	ug/l	100
52) Toluene	8.76	92	134342	19.503	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	79211	19.923	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	87262	19.777	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	58523	20.862	ug/l	99
56) Ethyl methacrylate	9.16	69	83556	21.050	ug/l	99
57) 1,3-Dichloropropane	9.35	76	98220	20.913	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	228279	98.145	ug/l	99
59) 2-Hexanone	9.47	43	276755	108.205	ug/l	100
60) Dibromochloromethane	9.56	129	55651	20.253	ug/l	98
61) 1,2-Dibromoethane	9.65	107	60830	21.037	ug/l	99
64) Tetrachloroethene	9.32	164	51207	17.321	ug/l	96
65) Chlorobenzene	10.12	112	145206	18.778	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	51846	18.432	ug/l	100
67) Ethyl Benzene	10.23	91	245369	18.113	ug/l	99
68) m/p-Xylenes	10.34	106	184533	36.563	ug/l	99
69) o-Xylene	10.68	106	90184	18.692	ug/l	99
70) Styrene	10.70	104	151601	18.062	ug/l	99
71) Bromoform	10.84	173	39167	18.856	ug/l #	97
73) Isopropylbenzene	11.00	105	235474	18.728	ug/l	100
74) N-amyl acetate	10.88	43	95561	20.283	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	88738	19.735	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	81555m	20.561	ug/l	
77) Bromobenzene	11.24	156	61896	19.284	ug/l	100
78) n-propylbenzene	11.34	91	266151	18.452	ug/l	100
79) 2-Chlorotoluene	11.40	91	165022	18.865	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	198348	18.805	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	25061	19.853	ug/l	95
82) 4-Chlorotoluene	11.49	91	193724	18.812	ug/l	99
83) tert-Butylbenzene	11.76	119	191269	18.744	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	205289	19.236	ug/l	99
85) sec-Butylbenzene	11.93	105	222219	18.305	ug/l	99
86) p-Isopropyltoluene	12.05	119	201842	18.313	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	109884	18.641	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	112156	18.471	ug/l	99
89) n-Butylbenzene	12.37	91	178567	17.921	ug/l	100
90) Hexachloroethane	12.58	117	32437	17.587	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	108712	18.362	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	17832	19.440	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	67621	17.790	ug/l	99
94) Hexachlorobutadiene	13.76	225	29450	17.008	ug/l	97
95) Naphthalene	13.82	128	230540	18.625	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	71416	18.784	ug/l	98

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

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