

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102620\
 Data File : VX019124.D
 Acq On : 26 Oct 2020 17:47
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 10/27/2020 6:55:24 PM

Quant Time: Oct 26 19:08:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102620W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 26 18:50:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	154393	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	258269	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	229941	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	115356	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	11143	4.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.82%	
35) Dibromofluoromethane	5.46	113	8890	4.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.44%	
50) Toluene-d8	8.70	98	34756	4.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.98%	
62) 4-Bromofluorobenzene	11.12	95	11640	4.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.96%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.18	85	6789	5.626	ug/l	99
3) Chloromethane	1.31	50	7143	5.412	ug/l	98
4) Vinyl Chloride	1.39	62	9188	5.562	ug/l	99
5) Bromomethane	1.63	94	6417	4.738	ug/l	99
6) Chloroethane	1.71	64	6205	5.552	ug/l	97
7) Trichlorofluoromethane	1.92	101	15693	5.585	ug/l	95
8) Diethyl Ether	2.17	74	6256	5.608	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	7807	5.529	ug/l	99
10) Methyl Iodide	2.49	142	6245	4.382	ug/l	99
11) Tert butyl alcohol	3.01	59	11116	29.452	ug/l	98
12) 1,1-Dichloroethene	2.36	96	7730	5.457	ug/l	95
13) Acrolein	2.27	56	6719	35.352	ug/l	96
14) Allyl chloride	2.71	41	9656	5.271	ug/l	98
15) Acrylonitrile	3.12	53	20486	27.880	ug/l	99
16) Acetone	2.42	43	15940	26.604	ug/l	100
17) Carbon Disulfide	2.55	76	21307	5.445	ug/l	99
18) Methyl Acetate	2.75	43	7943	5.371	ug/l	95
19) Methyl tert-butyl Ether	3.17	73	27022	5.578	ug/l	97
20) Methylene Chloride	2.84	84	9388	5.339	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	8985	5.358	ug/l	96
22) Diisopropyl ether	3.82	45	21461	5.536	ug/l	93
23) Vinyl Acetate	3.78	43	93494	27.775	ug/l	98
24) 1,1-Dichloroethane	3.67	63	14370	5.598	ug/l	99
25) 2-Butanone	4.64	43	25482	27.093	ug/l	97
26) 2,2-Dichloropropane	4.55	77	13536	5.570	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	10415	5.558	ug/l	97
28) Bromochloromethane	4.98	49	6170	5.583	ug/l #	97
29) Tetrahydrofuran	5.09	42	16486	27.898	ug/l	99
30) Chloroform	5.17	83	15767	5.517	ug/l	96
31) Cyclohexane	5.55	56	12552	5.567	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	13565	5.393	ug/l	98
36) 1,1-Dichloropropene	5.77	75	12276	5.526	ug/l	96
37) Ethyl Acetate	4.79	43	10498	5.423	ug/l	99
38) Carbon Tetrachloride	5.75	117	11803	5.264	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	14719	5.450	ug/l	97
40) Benzene	6.11	78	35657	5.461	ug/l	99
41) Methacrylonitrile	5.01	41	5253	5.349	ug/l	95
42) 1,2-Dichloroethane	6.17	62	12133	5.518	ug/l	99
43) Isopropyl Acetate	6.41	43	16847	5.393	ug/l	99
44) Trichloroethene	7.19	130	10190	5.463	ug/l	99
45) 1,2-Dichloropropane	7.49	63	8269	5.466	ug/l	99
46) Dibromomethane	7.63	93	6276	5.497	ug/l	96
47) Bromodichloromethane	7.87	83	11694	5.353	ug/l	97
48) Methyl methacrylate	7.74	41	7840	5.407	ug/l	99
49) 1,4-Dioxane	7.73	88	4354	112.909	ug/l #	96
51) 4-Methyl-2-Pentanone	8.62	43	49332	27.365	ug/l	98
52) Toluene	8.76	92	22545	5.411	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	12551	5.252	ug/l	95
54) cis-1,3-Dichloropropene	8.41	75	13657	5.311	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	9142	5.516	ug/l	97
56) Ethyl methacrylate	9.16	69	12323	5.315	ug/l	96
57) 1,3-Dichloropropane	9.35	76	14758	5.408	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	32257	24.907	ug/l	100
59) 2-Hexanone	9.47	43	36880	27.176	ug/l	99
60) Dibromochloromethane	9.57	129	8945	5.309	ug/l	100
61) 1,2-Dibromoethane	9.65	107	9127	5.244	ug/l	95
64) Tetrachloroethene	9.32	164	9402	5.309	ug/l	98
65) Chlorobenzene	10.12	112	24433	5.500	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.20	131	8550	5.460	ug/l	98
67) Ethyl Benzene	10.24	91	42621	5.459	ug/l	100
68) m/p-Xylenes	10.34	106	32341	10.859	ug/l	99
69) o-Xylene	10.68	106	15568	5.490	ug/l	97
70) Styrene	10.70	104	24740	5.320	ug/l	99
71) Bromoform	10.84	173	5842	5.019	ug/l #	96
73) Isopropylbenzene	11.00	105	41692	5.434	ug/l	98
74) N-amyl acetate	10.88	43	12808	5.459	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	12693	5.315	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	11587m	4.574	ug/l	
77) Bromobenzene	11.24	156	10130	5.357	ug/l	96
78) n-propylbenzene	11.34	91	45589	5.331	ug/l	100
79) 2-Chlorotoluene	11.40	91	26990	5.363	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	33630	5.428	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	3728	5.188	ug/l	96
82) 4-Chlorotoluene	11.49	91	32384	5.478	ug/l	98
83) tert-Butylbenzene	11.76	119	32819	5.382	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	33658	5.359	ug/l	99
85) sec-Butylbenzene	11.93	105	39958	5.455	ug/l	99
86) p-Isopropyltoluene	12.05	119	36349	5.448	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	18236	5.195	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	19666	5.447	ug/l	93
89) n-Butylbenzene	12.37	91	32095	5.249	ug/l	99
90) Hexachloroethane	12.58	117	5369	5.021	ug/l	99
91) 1,2-Dichlorobenzene	12.37	146	18550	5.357	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	2770	5.496	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	12230	5.176	ug/l	97
94) Hexachlorobutadiene	13.76	225	5584	5.225	ug/l	96
95) Naphthalene	13.82	128	37803	5.120	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	12185	5.236	ug/l	98

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

