

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102720\
 Data File : VX019130.D
 Acq On : 27 Oct 2020 11:30
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 10/28/2020 12:33:23 PM

Quant Time: Oct 27 13:25:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:11:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	305880	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	496201	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	436310	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	210708	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.00	65	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	2341	0.964	ug/l	95
3) Chloromethane	1.31	50	3079	1.177	ug/l	97
4) Vinyl Chloride	1.39	62	3187	0.975	ug/l	97
6) Chloroethane	1.71	64	2015	0.914	ug/l	98
7) Trichlorofluoromethane	1.92	101	4682	0.843	ug/l	89
8) Diethyl Ether	2.17	74	1816	0.830	ug/l	72
9) 1,1,2-Trichlorotrifluoroet	2.37	101	2528	0.895	ug/l	95
12) 1,1-Dichloroethene	2.36	96	2897	1.013	ug/l	96
14) Allyl chloride	2.71	41	4465	1.175	ug/l	95
15) Acrylonitrile	3.12	53	7865	5.219	ug/l	99
16) Acetone	2.42	43	7151	5.909	ug/l	93
17) Carbon Disulfide	2.55	76	12211	1.542	ug/l	97
18) Methyl Acetate	2.75	43	3209	1.079	ug/l	95
19) Methyl tert-butyl Ether	3.17	73	9183	0.930	ug/l	98
20) Methylene Chloride	2.84	84	3683	1.072	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	3618	1.077	ug/l	93
22) Diisopropyl ether	3.82	45	7955	0.991	ug/l #	66
23) Vinyl Acetate	3.78	43	34520	4.885	ug/l	96
24) 1,1-Dichloroethane	3.67	63	4992	0.952	ug/l	95
25) 2-Butanone	4.64	43	10123	5.244	ug/l	93
26) 2,2-Dichloropropane	4.55	77	4917	0.996	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	3675	0.972	ug/l	97
28) Bromochloromethane	4.98	49	2576	1.135	ug/l #	94
29) Tetrahydrofuran	5.10	42	5727	4.661	ug/l	98
30) Chloroform	5.18	83	5294	0.911	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	4754	0.917	ug/l #	50
36) 1,1-Dichloropropene	5.77	75	4596	1.056	ug/l	98
37) Ethyl Acetate	4.79	43	3843	1.001	ug/l #	95
38) Carbon Tetrachloride	5.76	117	4241	0.947	ug/l	99
39) Methylcyclohexane	7.43	83	4845	0.908	ug/l	92
40) Benzene	6.10	78	11903	0.933	ug/l	96
41) Methacrylonitrile	5.00	41	2283	1.152	ug/l #	64
42) 1,2-Dichloroethane	6.17	62	4517	1.036	ug/l	96
43) Isopropyl Acetate	6.41	43	6672	1.062	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	7.18	130	3651	1.000	ug/l	91
45) 1,2-Dichloropropane	7.48	63	2788	0.929	ug/l	89
46) Dibromomethane	7.63	93	2322	1.027	ug/l	99
47) Bromodichloromethane	7.87	83	4023	0.910	ug/l	93
48) Methyl methacrylate	7.75	41	3104	1.048	ug/l	95
49) 1,4-Dioxane	7.73	88	1272	16.647	ug/l #	79
51) 4-Methyl-2-Pentanone	8.62	43	17262	4.705	ug/l	97
52) Toluene	8.76	92	7515	0.911	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	4970	1.017	ug/l	94
54) cis-1,3-Dichloropropene	8.42	75	5060	0.973	ug/l	95
55) 1,1,2-Trichloroethane	9.20	97	2922	0.890	ug/l #	87
56) Ethyl methacrylate	9.16	69	3965	0.836	ug/l #	90
57) 1,3-Dichloropropane	9.35	76	5182	0.963	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	14555	5.666	ug/l	98
59) 2-Hexanone	9.47	43	13153	4.713	ug/l	98
60) Dibromochloromethane	9.56	129	2894	0.827	ug/l	96
61) 1,2-Dibromoethane	9.65	107	3305	0.948	ug/l	97
64) Tetrachloroethene	9.32	164	3450	1.037	ug/l	87
65) Chlorobenzene	10.12	112	8629	0.990	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.20	131	2741	0.880	ug/l #	66
67) Ethyl Benzene	10.23	91	14865	0.975	ug/l	96
68) m/p-Xylenes	10.34	106	10595	1.808	ug/l	94
69) o-Xylene	10.68	106	5042	0.898	ug/l	100
70) Styrene	10.70	104	8599	0.919	ug/l	99
71) Bromoform	10.84	173	2077	0.846	ug/l #	100
73) Isopropylbenzene	11.00	105	13491	0.953	ug/l	100
74) N-amyl acetate	10.88	43	4669	1.017	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.25	83	4214	0.953	ug/l	97
76) 1,2,3-Trichloropropane	11.27	75	4056m	1.030	ug/l	
77) Bromobenzene	11.24	156	3615	1.019	ug/l	90
78) n-propylbenzene	11.34	91	15528	0.977	ug/l	97
79) 2-Chlorotoluene	11.41	91	9402	1.006	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	11605	0.993	ug/l	98
82) 4-Chlorotoluene	11.49	91	12329	1.114	ug/l	98
83) tert-Butylbenzene	11.76	119	10190	0.892	ug/l	94
84) 1,2,4-Trimethylbenzene	11.79	105	11748	0.994	ug/l	96
85) sec-Butylbenzene	11.93	105	12948	0.945	ug/l	100
86) p-Isopropyltoluene	12.05	119	11677	0.920	ug/l	89
87) 1,3-Dichlorobenzene	12.01	146	6933	1.056	ug/l	92
88) 1,4-Dichlorobenzene	12.08	146	8018m	1.172	ug/l	
89) n-Butylbenzene	12.37	91	11808	1.021	ug/l	99
90) Hexachloroethane	12.57	117	1821	0.858	ug/l	96
91) 1,2-Dichlorobenzene	12.37	146	6462	1.005	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	1066	1.091	ug/l	94
93) 1,2,4-Trichlorobenzene	13.63	180	5743	1.282	ug/l	98
94) Hexachlorobutadiene	13.76	225	2764	1.389	ug/l	95
95) Naphthalene	13.82	128	16895	1.197	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	5644	1.284	ug/l	97

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

