

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042220\
 Data File : VX015831.D
 Acq On : 22 Apr 2020 09:59
 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
 4/23/2020 11:57:55 AM

Quant Time: Apr 23 04:36:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 22 11:43:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	1062270	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1572514	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1467589	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	806853	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	1.19	85	7105	0.827	ug/l	94
3) Chloromethane	1.31	50	9241	1.016	ug/l	96
4) Vinyl Chloride	1.40	62	11501	1.073	ug/l	91
6) Chloroethane	1.72	64	6679	1.087	ug/l	100
7) Trichlorofluoromethane	1.92	101	13867	1.026	ug/l	99
8) Diethyl Ether	2.17	74	5762	1.055	ug/l	55
9) 1,1,2-Trichlorotrifluoroet	2.37	101	10526	1.150	ug/l #	90
12) 1,1-Dichloroethene	2.36	96	9587	1.032	ug/l #	77
14) Allyl chloride	2.71	41	20943	1.052	ug/l	97
15) Acrylonitrile	3.11	53	27162	4.802	ug/l	97
16) Acetone	2.42	43	34344	6.294	ug/l	98
17) Carbon Disulfide	2.55	76	64523	1.714	ug/l	97
18) Methyl Acetate	2.75	43	19079	1.102	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	32448	0.993	ug/l #	86
20) Methylene Chloride	2.84	84	12171	1.124	ug/l	90
21) trans-1,2-Dichloroethene	3.15	96	11279	1.083	ug/l	89
22) Diisopropyl ether	3.83	45	35933	1.003	ug/l	90
23) Vinyl Acetate	3.78	43	147999	4.942	ug/l	98
24) 1,1-Dichloroethane	3.67	63	18128	0.982	ug/l	94
25) 2-Butanone	4.64	43	42347	5.133	ug/l	96
26) 2,2-Dichloropropane	4.55	77	16964	1.023	ug/l	78
27) cis-1,2-Dichloroethene	4.57	96	12173	1.045	ug/l	91
28) Bromochloromethane	4.98	49	11073	1.104	ug/l #	97
29) Tetrahydrofuran	5.10	42	27479	5.016	ug/l	95
30) Chloroform	5.17	83	20391	1.084	ug/l #	79
32) 1,1,1-Trichloroethane	5.47	97	16256	0.979	ug/l #	48
36) 1,1-Dichloropropene	5.78	75	13869	1.005	ug/l #	77
37) Ethyl Acetate	4.79	43	17780	1.071	ug/l #	83
38) Carbon Tetrachloride	5.76	117	12501	0.932	ug/l	88
39) Methylcyclohexane	7.45	83	19834	1.115	ug/l	85
40) Benzene	6.12	78	44828	1.061	ug/l	95
41) Methacrylonitrile	5.00	41	8375m	1.069	ug/l	
42) 1,2-Dichloroethane	6.17	62	16437	1.082	ug/l	91
43) Isopropyl Acetate	6.41	43	28509	1.023	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	7.19	130	14984	1.014	ug/l	89
45) 1,2-Dichloropropane	7.49	63	11020	1.004	ug/l	99
46) Dibromomethane	7.64	93	9569	1.158	ug/l	96
47) Bromodichloromethane	7.87	83	14329	1.025	ug/l #	86
48) Methyl methacrylate	7.75	41	13608	1.003	ug/l	97
49) 1,4-Dioxane	7.72	88	6676	25.346	ug/l #	80
51) 4-Methyl-2-Pentanone	8.62	43	80130	4.962	ug/l	97
52) Toluene	8.76	92	28604	1.055	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	17518	1.006	ug/l #	87
54) cis-1,3-Dichloropropene	8.42	75	19123	1.030	ug/l #	92
55) 1,1,2-Trichloroethane	9.20	97	10013	0.958	ug/l	91
56) Ethyl methacrylate	9.16	69	17735	1.012	ug/l	94
57) 1,3-Dichloropropane	9.35	76	18820	1.034	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.29	63	43489	4.917	ug/l	98
59) 2-Hexanone	9.47	43	58551	4.807	ug/l	100
60) Dibromochloromethane	9.57	129	10469	1.024	ug/l	93
61) 1,2-Dibromoethane	9.65	107	12723	1.090	ug/l	100
64) Tetrachloroethene	9.32	164	22539	1.096	ug/l	97
65) Chlorobenzene	10.12	112	31054	1.048	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	11332	1.042	ug/l #	66
67) Ethyl Benzene	10.23	91	54594	1.041	ug/l	96
68) m/p-Xylenes	10.34	106	40018	2.043	ug/l	100
69) o-Xylene	10.68	106	20850	1.084	ug/l	87
70) Styrene	10.70	104	32750	0.991	ug/l	95
71) Bromoform	10.84	173	5374	0.859	ug/l #	74
73) Isopropylbenzene	11.00	105	50829	0.985	ug/l	98
74) N-amyl acetate	10.88	43	27677	1.053	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	10122	0.952	ug/l #	93
76) 1,2,3-Trichloropropane	11.28	75	15638m	0.840	ug/l	
77) Bromobenzene	11.24	156	13968	0.999	ug/l	96
78) n-propylbenzene	11.34	91	60152	1.017	ug/l	93
79) 2-Chlorotoluene	11.40	91	35879	1.019	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	42693	0.980	ug/l	96
82) 4-Chlorotoluene	11.50	91	43363	1.033	ug/l	99
83) tert-Butylbenzene	11.76	119	39178	1.011	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	47463	1.047	ug/l	98
85) sec-Butylbenzene	11.93	105	52162	1.019	ug/l	99
86) p-Isopropyltoluene	12.05	119	47149	0.989	ug/l	88
87) 1,3-Dichlorobenzene	12.01	146	27311	1.061	ug/l	96
88) 1,4-Dichlorobenzene	12.09	146	27474m	1.071	ug/l	
89) n-Butylbenzene	12.37	91	44566	1.049	ug/l	100
90) Hexachloroethane	12.58	117	3405	0.810	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	24511	1.010	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	12.98	75	3153	1.033	ug/l	95
93) 1,2,4-Trichlorobenzene	13.63	180	19379	1.012	ug/l	95
94) Hexachlorobutadiene	13.76	225	8971	1.053	ug/l	92
95) Naphthalene	13.82	128	55523	1.010	ug/l	97
96) 1,2,3-Trichlorobenzene	14.00	180	19619	1.059	ug/l	97

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

