

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032720\
 Data File : VX015365.D
 Acq On : 26 Mar 2020 19:31
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

apatel
 3/27/2020 5:16:02 PM

Quant Time: Mar 27 09:26:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:20:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1175472	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1854110	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1676582	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	845537	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	10075	0.949 ug/l	91
3) Chloromethane	1.31	50	12413	0.930 ug/l	99
4) Vinyl Chloride	1.39	62	12401	1.011 ug/l	94
6) Chloroethane	1.72	64	8242	1.051 ug/l	96
7) Trichlorofluoromethane	1.92	101	16960	1.031 ug/l	94
8) Diethyl Ether	2.17	74	7656	1.131 ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.37	101	11468	1.069 ug/l #	93
12) 1,1-Dichloroethene	2.36	96	11391	1.015 ug/l	97
14) Allyl chloride	2.70	41	25911	0.984 ug/l #	96
15) Acrylonitrile	3.12	53	37537	4.936 ug/l	97
16) Acetone	2.42	43	38422	5.268 ug/l	98
17) Carbon Disulfide	2.55	76	36200	1.059 ug/l	100
18) Methyl Acetate	2.75	43	18355	1.004 ug/l	98
19) Methyl tert-butyl Ether	3.17	73	42342	0.975 ug/l	94
20) Methylene Chloride	2.84	84	14734	1.092 ug/l #	85
21) trans-1,2-Dichloroethene	3.14	96	12787	1.020 ug/l	93
22) Diisopropyl ether	3.83	45	42806	0.923 ug/l #	85
23) Vinyl Acetate	3.79	43	205883	4.886 ug/l	99
24) 1,1-Dichloroethane	3.67	63	25335	1.040 ug/l #	91
25) 2-Butanone	4.65	43	59157	5.099 ug/l #	88
26) 2,2-Dichloropropane	4.56	77	21009	1.052 ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	14554	1.010 ug/l	95
28) Bromochloromethane	4.99	49	10611	0.868 ug/l #	81
29) Tetrahydrofuran	5.10	42	36445	4.872 ug/l	93
30) Chloroform	5.18	83	23121	0.982 ug/l	84
32) 1,1,1-Trichloroethane	5.47	97	21128	0.988 ug/l #	51
36) 1,1-Dichloropropene	5.77	75	17552	1.030 ug/l	93
37) Ethyl Acetate	4.80	43	23830	1.083 ug/l #	86
38) Carbon Tetrachloride	5.76	117	19379	1.037 ug/l #	93
39) Methylcyclohexane	7.45	83	20500	1.014 ug/l	90
40) Benzene	6.12	78	49986	0.989 ug/l	99
41) Methacrylonitrile	5.00	41	11530	0.906 ug/l #	76
42) 1,2-Dichloroethane	6.17	62	19869	0.979 ug/l	88
43) Isopropyl Acetate	6.42	43	36223	0.948 ug/l #	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

44) Trichloroethene	7.19	130	13880	1.005	ug/l	94
45) 1,2-Dichloropropane	7.49	63	14183	1.027	ug/l #	88
46) Dibromomethane	7.64	93	9176	0.985	ug/l	95
47) Bromodichloromethane	7.88	83	18285	0.940	ug/l #	89
48) Methyl methacrylate	7.75	41	18004	0.959	ug/l	99
49) 1,4-Dioxane	7.73	88	6743	18.987	ug/l	90
51) 4-Methyl-2-Pentanone	8.62	43	106166	4.937	ug/l	98
52) Toluene	8.77	92	30088	0.966	ug/l	95
53) t-1,3-Dichloropropene	9.03	75	23450	1.040	ug/l	96
54) cis-1,3-Dichloropropene	8.42	75	21659	0.939	ug/l #	89
55) 1,1,2-Trichloroethane	9.20	97	12067	0.925	ug/l #	85
56) Ethyl methacrylate	9.16	69	22190	0.994	ug/l	93
57) 1,3-Dichloropropane	9.36	76	24683	1.101	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.29	63	52819	4.938	ug/l	93
59) 2-Hexanone	9.48	43	75696	4.635	ug/l	98
60) Dibromochloromethane	9.57	129	13813	0.892	ug/l	100
61) 1,2-Dibromoethane	9.65	107	13257	0.952	ug/l	97
64) Tetrachloroethene	9.32	164	14059	1.114	ug/l	95
65) Chlorobenzene	10.12	112	35522	1.055	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.20	131	13589	1.005	ug/l #	67
67) Ethyl Benzene	10.24	91	60133	1.001	ug/l	99
68) m/p-Xylenes	10.34	106	44814	2.015	ug/l	94
69) o-Xylene	10.68	106	21219	0.945	ug/l	96
70) Styrene	10.70	104	39343	1.016	ug/l	96
71) Bromoform	10.84	173	12161	0.981	ug/l #	99
73) Isopropylbenzene	11.00	105	59625	1.068	ug/l	96
74) N-amyl acetate	10.89	43	30917	0.983	ug/l #	95
75) 1,1,2,2-Tetrachloroethane	11.25	83	19789	1.022	ug/l	97
76) 1,2,3-Trichloropropane	11.28	75	17303m	0.974	ug/l	
77) Bromobenzene	11.25	156	15431	1.022	ug/l	95
78) n-propylbenzene	11.35	91	67308	1.050	ug/l	99
79) 2-Chlorotoluene	11.41	91	41090	1.039	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	49590	1.041	ug/l	97
82) 4-Chlorotoluene	11.49	91	48746	1.061	ug/l	99
83) tert-Butylbenzene	11.76	119	48024	1.023	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	50200	1.028	ug/l	97
85) sec-Butylbenzene	11.93	105	57430	1.065	ug/l	100
86) p-Isopropyltoluene	12.05	119	50168	0.989	ug/l	90
87) 1,3-Dichlorobenzene	12.01	146	27653	1.024	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	29740m	1.081	ug/l	
89) n-Butylbenzene	12.37	91	47221	1.040	ug/l	99
90) Hexachloroethane	12.58	117	9916	1.020	ug/l	92
91) 1,2-Dichlorobenzene	12.38	146	26131	0.985	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	12.98	75	6822	1.286	ug/l	79
93) 1,2,4-Trichlorobenzene	13.63	180	22429	1.064	ug/l	96
94) Hexachlorobutadiene	13.77	225	11429	1.180	ug/l	97
95) Naphthalene	13.82	128	63512	0.992	ug/l	98
96) 1,2,3-Trichlorobenzene	14.01	180	19249	0.962	ug/l	93

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

