

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061919\
 Data File : VX010343.D
 Acq On : 19 Jun 2019 12:18
 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
 6/20/2019 1:23:14 PM

Quant Time: Jun 20 03:21:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:08:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	301020	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	438062	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	390892	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	190532	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	1.20	85	2242	0.860 ug/l	91
3) Chloromethane	1.32	50	2659	0.990 ug/l	99
4) Vinyl Chloride	1.40	62	3109	1.208 ug/l	92
6) Chloroethane	1.73	64	1796	1.361 ug/l	89
7) Trichlorofluoromethane	1.93	101	4331	1.110 ug/l	95
8) Diethyl Ether	2.18	74	1585	1.163 ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	2867	1.089 ug/l	98
12) 1,1-Dichloroethene	2.37	96	2762	1.026 ug/l #	88
14) Allyl chloride	2.73	41	3545	0.877 ug/l	92
15) Acrylonitrile	3.15	53	6975	4.737 ug/l	90
16) Acetone	2.45	43	6587	4.685 ug/l	98
17) Carbon Disulfide	2.57	76	7525	0.975 ug/l	97
18) Methyl Acetate	2.77	43	2862	0.948 ug/l #	85
19) Methyl tert-butyl Ether	3.20	73	8367	0.969 ug/l	94
20) Methylene Chloride	2.86	84	3056	1.010 ug/l #	83
21) trans-1,2-Dichloroethene	3.17	96	3073	1.033 ug/l #	84
22) Diisopropyl ether	3.85	45	8100	1.041 ug/l #	88
23) Vinyl Acetate	3.81	43	29565	4.260 ug/l	98
24) 1,1-Dichloroethane	3.70	63	4452	0.944 ug/l	98
25) 2-Butanone	4.68	43	9477	4.577 ug/l	95
26) 2,2-Dichloropropane	4.57	77	4185	0.983 ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	3394	1.022 ug/l	96
28) Bromochloromethane	5.02	49	2573	1.210 ug/l #	85
29) Tetrahydrofuran	5.13	42	6644	5.125 ug/l	96
30) Chloroform	5.21	83	5026	1.026 ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	4284	0.932 ug/l #	47
36) 1,1-Dichloropropene	5.80	75	3831	1.073 ug/l	97
37) Ethyl Acetate	4.84	43	3213	0.861 ug/l #	92
38) Carbon Tetrachloride	5.77	117	3795	0.941 ug/l	98
39) Methylcyclohexane	7.46	83	4747	0.980 ug/l	90
40) Benzene	6.13	78	10978	0.992 ug/l	98
41) Methacrylonitrile	5.04	41	2041	1.015 ug/l #	69
42) 1,2-Dichloroethane	6.19	62	2884	0.820 ug/l	88
43) Isopropyl Acetate	6.44	43	5431	0.874 ug/l #	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	7.21	130	3274	0.981	ug/l	99
45) 1,2-Dichloropropane	7.51	63	2905	1.049	ug/l #	86
46) Dibromomethane	7.66	93	1965	0.947	ug/l	95
47) Bromodichloromethane	7.90	83	3465	0.899	ug/l #	96
48) Methyl methacrylate	7.77	41	2342	0.809	ug/l	90
49) 1,4-Dioxane	7.74	88	1560	18.837	ug/l	90
51) 4-Methyl-2-Pentanone	8.64	43	18432	4.942	ug/l	99
52) Toluene	8.78	92	7287	0.999	ug/l	93
53) t-1,3-Dichloropropene	9.04	75	3884	0.876	ug/l	95
54) cis-1,3-Dichloropropene	8.43	75	4036	0.845	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	2849	0.955	ug/l #	84
56) Ethyl methacrylate	9.18	69	4199	0.897	ug/l	97
57) 1,3-Dichloropropane	9.37	76	4397	0.937	ug/l	93
58) 2-Chloroethyl Vinyl ether	8.31	63	9385	4.245	ug/l	99
59) 2-Hexanone	9.49	43	13903	4.669	ug/l	96
60) Dibromochloromethane	9.58	129	3193	0.911	ug/l	93
61) 1,2-Dibromoethane	9.67	107	3071	0.927	ug/l	96
64) Tetrachloroethene	9.34	164	3577	1.211	ug/l	92
65) Chlorobenzene	10.13	112	8140	1.009	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	2643	0.855	ug/l #	65
67) Ethyl Benzene	10.25	91	13771	1.002	ug/l	95
68) m/p-Xylenes	10.35	106	10471	1.968	ug/l	94
69) o-Xylene	10.69	106	5193	0.984	ug/l	93
70) Styrene	10.71	104	8000	0.896	ug/l	98
71) Bromoform	10.86	173	2207	0.779	ug/l #	98
73) Isopropylbenzene	11.02	105	12959	0.978	ug/l	98
74) N-amyl acetate	10.90	43	4164	0.795	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.27	83	4387	0.969	ug/l	95
76) 1,2,3-Trichloropropane	11.30	75	3429m	0.908	ug/l	
77) Bromobenzene	11.26	156	3944	1.080	ug/l	90
78) n-propylbenzene	11.36	91	13929	0.944	ug/l	98
79) 2-Chlorotoluene	11.42	91	8702	0.984	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	10492	0.938	ug/l	100
82) 4-Chlorotoluene	11.51	91	9419	0.938	ug/l	96
83) tert-Butylbenzene	11.77	119	10291	0.912	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	10287	0.911	ug/l	97
85) sec-Butylbenzene	11.94	105	12181	0.925	ug/l	100
86) p-Isopropyltoluene	12.06	119	11415	0.947	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	6464	1.007	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	7293m	1.123	ug/l	
89) n-Butylbenzene	12.38	91	9526	0.919	ug/l	95
90) Hexachloroethane	12.60	117	1693	0.715	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	6634	1.058	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	939	0.893	ug/l	79
93) 1,2,4-Trichlorobenzene	13.65	180	4455	0.972	ug/l	96
94) Hexachlorobutadiene	13.78	225	2307	1.115	ug/l	97
95) Naphthalene	13.83	128	12371	0.861	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	4077	0.898	ug/l	98

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

