

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031419\
 Data File : VX008061.D
 Acq On : 14 Mar 2019 09:39
 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
 3/15/2019 9:06:43 AM

Quant Time: Mar 15 03:41:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031419W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 14 14:45:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	458529	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	649772	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	598367	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	289486	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	3544	0.960 ug/l	98
3) Chloromethane	1.33	50	4949	1.236 ug/l	95
4) Vinyl Chloride	1.41	62	4408	1.153 ug/l	94
5) Bromomethane	1.65	94	3357	1.729 ug/l	89
6) Chloroethane	1.73	64	4444	1.980 ug/l	97
7) Trichlorofluoromethane	1.93	101	5514	1.217 ug/l	100
8) Diethyl Ether	2.19	74	2413	0.989 ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.39	101	3705	1.030 ug/l	98
12) 1,1-Dichloroethene	2.38	96	3533	1.021 ug/l	92
14) Allyl chloride	2.73	41	6034	0.951 ug/l	92
15) Acrylonitrile	3.15	53	11073	5.116 ug/l	98
16) Acetone	2.45	43	11733	5.587 ug/l	97
17) Carbon Disulfide	2.57	76	9226	0.894 ug/l	98
18) Methyl Acetate	2.78	43	4674	0.983 ug/l	94
19) Methyl tert-butyl Ether	3.20	73	11722	1.011 ug/l	98
20) Methylene Chloride	2.85	84	4307	1.134 ug/l #	83
21) trans-1,2-Dichloroethene	3.17	96	3960	1.072 ug/l	90
22) Diisopropyl ether	3.87	45	12211	0.961 ug/l	93
23) Vinyl Acetate	3.82	43	49815	4.487 ug/l	98
24) 1,1-Dichloroethane	3.70	63	6911	0.990 ug/l	97
25) 2-Butanone	4.70	43	16866	5.048 ug/l	95
26) 2,2-Dichloropropane	4.58	77	4984	0.955 ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	4538	1.047 ug/l	95
28) Bromochloromethane	5.01	49	2725	0.811 ug/l #	92
29) Tetrahydrofuran	5.15	42	10291	4.852 ug/l	99
30) Chloroform	5.21	83	6955	1.019 ug/l	92
31) Cyclohexane	5.58	56	6068	0.915 ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	5427	0.909 ug/l #	49
36) 1,1-Dichloropropene	5.80	75	5265	1.015 ug/l	99
37) Ethyl Acetate	4.85	43	5314	0.926 ug/l	97
38) Carbon Tetrachloride	5.78	117	4646	0.906 ug/l #	91
39) Methylcyclohexane	7.46	83	6510	0.964 ug/l	94
40) Benzene	6.14	78	15984	1.004 ug/l	95
41) Methacrylonitrile	5.05	41	3361	1.027 ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	6.19	62	5146	1.011	ug/l	96
43) Isopropyl Acetate	6.45	43	8958	0.970	ug/l	96
44) Trichloroethene	7.21	130	4883	1.077	ug/l	77
45) 1,2-Dichloropropane	7.51	63	4189	0.987	ug/l	100
46) Dibromomethane	7.66	93	2485	0.924	ug/l	89
47) Bromodichloromethane	7.90	83	4722	0.926	ug/l	98
48) Methyl methacrylate	7.77	41	4187	0.848	ug/l	94
49) 1,4-Dioxane	7.75	88	2091	20.407	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	29699	4.905	ug/l	98
52) Toluene	8.78	92	10278	1.007	ug/l	95
53) t-1,3-Dichloropropene	9.04	75	4801	0.827	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	5256	0.813	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	4185	1.017	ug/l	93
56) Ethyl methacrylate	9.18	69	5544	0.877	ug/l #	93
57) 1,3-Dichloropropane	9.37	76	7169	1.056	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	19477	5.280	ug/l	99
59) 2-Hexanone	9.49	43	22959	4.929	ug/l	97
60) Dibromochloromethane	9.58	129	4012	0.908	ug/l	95
61) 1,2-Dibromoethane	9.67	107	4169	0.936	ug/l	96
64) Tetrachloroethene	9.34	164	5086	1.085	ug/l	97
65) Chlorobenzene	10.14	112	12048	1.044	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	3770	0.883	ug/l #	62
67) Ethyl Benzene	10.25	91	18359	0.939	ug/l	98
68) m/p-Xylenes	10.36	106	13531	1.796	ug/l	98
69) o-Xylene	10.69	106	6814	0.931	ug/l	96
70) Styrene	10.71	104	10350	0.854	ug/l	97
71) Bromoform	10.85	173	2822	0.784	ug/l #	95
73) Isopropylbenzene	11.02	105	17519	0.948	ug/l	98
74) N-amyl acetate	10.90	43	7132	0.922	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	6273	1.089	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	5327m	1.094	ug/l	
77) Bromobenzene	11.26	156	5044	1.021	ug/l	97
78) n-propylbenzene	11.36	91	18136	0.878	ug/l	99
79) 2-Chlorotoluene	11.42	91	12305	1.008	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	13766	0.897	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	1470	0.801	ug/l #	82
82) 4-Chlorotoluene	11.51	91	13806	0.992	ug/l	99
83) tert-Butylbenzene	11.77	119	14512	0.965	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	14411	0.913	ug/l	98
85) sec-Butylbenzene	11.94	105	16299	0.886	ug/l	98
86) p-Isopropyltoluene	12.06	119	14640	0.878	ug/l	92
87) 1,3-Dichlorobenzene	12.02	146	8946	1.022	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	9524m	1.092	ug/l	
89) n-Butylbenzene	12.39	91	12137	0.872	ug/l	99
90) Hexachloroethane	12.60	117	2366	0.883	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	9031	1.053	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	1017	0.799	ug/l	94
93) 1,2,4-Trichlorobenzene	13.65	180	5899	0.957	ug/l	99
94) Hexachlorobutadiene	13.78	225	3352	0.997	ug/l	93
95) Naphthalene	13.83	128	15006	0.823	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	14.02	180	5652	0.920	ug/l	97

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

