

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081518\
 Data File : VX004112.D
 Acq On : 16 Aug 2018 09:46
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/16/2018 4:40:28 PM

Quant Time: Aug 16 14:22:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	297551	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	449008	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	392107	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	261202	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	207557	49.51	ug/l	0.00
Spiked Amount			Recovery	=	99.02%	
35) Dibromofluoromethane	5.51	113	174547	51.94	ug/l	0.00
Spiked Amount			Recovery	=	103.88%	
50) Toluene-d8	8.72	98	675433	49.57	ug/l	0.00
Spiked Amount			Recovery	=	99.14%	
62) 4-Bromofluorobenzene	11.14	95	232060	46.96	ug/l	0.00
Spiked Amount			Recovery	=	93.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	144836	50.00	ug/l	100
3) Chloromethane	1.32	50	170023	47.83	ug/l	99
4) Vinyl Chloride	1.40	62	187520	48.76	ug/l	98
5) Bromomethane	1.64	94	102128	52.41	ug/l	98
6) Chloroethane	1.72	64	128230	50.72	ug/l	98
7) Trichlorofluoromethane	1.93	101	263413	48.83	ug/l	99
8) Diethyl Ether	2.18	74	116836	49.61	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	158228	47.01	ug/l	100
10) Methyl Iodide	2.51	142	183228	50.88	ug/l	100
11) Tert butyl alcohol	3.04	59	191561	226.91	ug/l	100
12) 1,1-Dichloroethene	2.37	96	154172	49.25	ug/l	97
13) Acrolein	2.29	56	108592	192.23	ug/l	100
14) Allyl chloride	2.73	41	265691	44.61	ug/l	97
15) Acrylonitrile	3.14	53	505372	240.09	ug/l	100
16) Acetone	2.44	43	519383	238.28	ug/l	99
17) Carbon Disulfide	2.57	76	423611	47.71	ug/l	99
18) Methyl Acetate	2.77	43	237411	49.01	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	545546	49.47	ug/l	100
20) Methylene Chloride	2.86	84	181331	50.91	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	170426	47.94	ug/l	98
22) Diisopropyl ether	3.87	45	614311	52.64	ug/l	97
23) Vinyl Acetate	3.82	43	2534696	264.42	ug/l	99
24) 1,1-Dichloroethane	3.70	63	340676	51.54	ug/l	100
25) 2-Butanone	4.70	43	848837	239.34	ug/l	99
26) 2,2-Dichloropropane	4.59	77	108641	20.67	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	201167	50.32	ug/l	92
28) Bromochloromethane	5.02	49	159926	52.73	ug/l	99
29) Tetrahydrofuran	5.15	42	436527	240.92	ug/l	99
30) Chloroform	5.21	83	329163	51.02	ug/l	98
31) Cyclohexane	5.57	56	285568	49.28	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	279883	51.91	ug/l	99
36) 1,1-Dichloropropene	5.80	75	247203	48.38	ug/l	100
37) Ethyl Acetate	4.85	43	263041	47.28	ug/l	99
38) Carbon Tetrachloride	5.78	117	246190	49.59	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	280576	48.40	ug/l	99
40) Benzene	6.15	78	768403	50.08	ug/l	100
41) Methacrylonitrile	5.06	41	145429	46.67	ug/l	99
42) 1,2-Dichloroethane	6.20	62	262531	48.88	ug/l	100
43) Isopropyl Acetate	6.46	43	405695	49.47	ug/l	100
44) Trichloroethene	7.21	130	202169	48.54	ug/l	94
45) 1,2-Dichloropropane	7.52	63	196650	50.07	ug/l	100
46) Dibromomethane	7.67	93	127348	49.62	ug/l	99
47) Bromodichloromethane	7.90	83	246258	50.66	ug/l	99
48) Methyl methacrylate	7.78	41	214574	51.97	ug/l	99
49) 1,4-Dioxane	7.76	88	85858	923.70	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1719113	255.64	ug/l	100
52) Toluene	8.79	92	488936	50.39	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	244392	46.54	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	270566	46.52	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	198496	49.54	ug/l	98
56) Ethyl methacrylate	9.18	69	291372	53.47	ug/l	99
57) 1,3-Dichloropropane	9.37	76	334154	50.26	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	758684	273.44	ug/l	100
59) 2-Hexanone	9.50	43	1307134	258.27	ug/l	100
60) Dibromochloromethane	9.59	129	198377	51.45	ug/l	100
61) 1,2-Dibromoethane	9.67	107	204049	49.95	ug/l	100
64) Tetrachloroethene	9.34	164	210350	56.60	ug/l	95
65) Chlorobenzene	10.14	112	508765	50.23	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	183136	53.01	ug/l	98
67) Ethyl Benzene	10.25	91	873567	54.47	ug/l	94
68) m/p-Xylenes	10.36	106	680342	108.32	ug/l	99
69) o-Xylene	10.70	106	328125	54.67	ug/l	96
70) Styrene	10.71	104	563365	55.77	ug/l	98
71) Bromoform	10.86	173	143276	52.30	ug/l	99
73) Isopropylbenzene	11.02	105	915459	51.79	ug/l	98
74) N-amyl acetate	6.46	43	405695	48.80	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	285495	46.25	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	248165m	47.38	ug/l	
77) Bromobenzene	11.26	156	226024	46.39	ug/l	97
78) n-propylbenzene	11.36	91	998828	50.49	ug/l	98
79) 2-Chlorotoluene	11.42	91	576379	47.81	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	735923	50.85	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	65215	38.54	ug/l	97
82) 4-Chlorotoluene	11.51	91	682138	47.87	ug/l	98
83) tert-Butylbenzene	11.77	119	750712	51.44	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	777354	51.86	ug/l	98
85) sec-Butylbenzene	11.94	105	855931	50.11	ug/l	97
86) p-Isopropyltoluene	12.07	119	816641	52.81	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	457726	49.25	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	459954	48.09	ug/l	100
89) n-Butylbenzene	12.39	91	646721	53.08	ug/l	98
90) Hexachloroethane	12.60	117	112836	48.77	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	407800	48.66	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.00	75	53414	49.23	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	294924	51.48	ug/l	100
94) Hexachlorobutadiene	13.79	225	130709	45.51	ug/l	96
95) Naphthalene	13.83	128	949111	51.92	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	324745	51.98	ug/l	98

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

