

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062518\
 Data File : VX002889.D
 Acq On : 26 Jun 2018 04:45
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/28/2018 2:26:33 PM

Quant Time: Jun 27 08:41:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	263580	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	372040	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	360578	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	231374	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	185889	51.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.04%	
35) Dibromofluoromethane	5.51	113	149034	50.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.16%	
50) Toluene-d8	8.72	98	539432	50.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.28%	
62) 4-Bromofluorobenzene	11.14	95	207518	50.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	114188	48.51	ug/l	100
3) Chloromethane	1.32	50	123849	50.70	ug/l	99
4) Vinyl Chloride	1.41	62	136014	45.63	ug/l #	87
5) Bromomethane	1.64	94	40551	27.94	ug/l	100
6) Chloroethane	1.72	64	116928	67.61	ug/l	98
7) Trichlorofluoromethane	1.93	101	242354	48.20	ug/l	98
8) Diethyl Ether	2.19	74	88654	48.50	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	134820	46.27	ug/l	99
10) Methyl Iodide	2.51	142	81372	30.34	ug/l	99
11) Tert butyl alcohol	3.08	59	181148	249.60	ug/l	99
12) 1,1-Dichloroethene	2.37	96	123002	47.32	ug/l	96
13) Acrolein	2.29	56	82812	206.57	ug/l	99
14) Allyl chloride	2.73	41	242628	47.35	ug/l	98
15) Acrylonitrile	3.15	53	384758	248.20	ug/l	99
16) Acetone	2.45	43	360318	238.82	ug/l	99
17) Carbon Disulfide	2.57	76	345785	49.93	ug/l	99
18) Methyl Acetate	2.78	43	225681	53.50	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	460403	49.27	ug/l	99
20) Methylene Chloride	2.86	84	138747	47.26	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	131867	46.57	ug/l	97
22) Diisopropyl ether	3.88	45	489887	50.01	ug/l	98
23) Vinyl Acetate	3.83	43	2037676	245.68	ug/l	98
24) 1,1-Dichloroethane	3.70	63	260148	48.87	ug/l	99
25) 2-Butanone	4.71	43	559966	250.08	ug/l	98
26) 2,2-Dichloropropane	4.59	77	152044	35.12	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	152312	47.98	ug/l	94
28) Bromochloromethane	5.03	49	132094	51.84	ug/l	95
29) Tetrahydrofuran	5.17	42	358314	249.54	ug/l	97
30) Chloroform	5.22	83	273793	50.11	ug/l	97
31) Cyclohexane	5.58	56	219599	48.06	ug/l	93
32) 1,1,1-Trichloroethane	5.50	97	243204	50.59	ug/l	100
36) 1,1-Dichloropropene	5.80	75	192444	47.17	ug/l	99
37) Ethyl Acetate	4.87	43	218984	49.85	ug/l	100
38) Carbon Tetrachloride	5.79	117	218002	48.69	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	221879	46.69	ug/l	97
40) Benzene	6.15	78	568766	47.98	ug/l	99
41) Methacrylonitrile	5.07	41	124307	49.14	ug/l	98
42) 1,2-Dichloroethane	6.20	62	227437	47.50	ug/l	100
43) Isopropyl Acetate	6.47	43	360503	48.93	ug/l	99
44) Trichloroethene	7.21	130	168020	47.54	ug/l	99
45) 1,2-Dichloropropane	7.52	63	153526	48.82	ug/l	99
46) Dibromomethane	7.67	93	105801	48.48	ug/l	98
47) Bromodichloromethane	7.90	83	208164	51.60	ug/l	97
48) Methyl methacrylate	7.78	41	191026	50.32	ug/l	98
49) 1,4-Dioxane	7.76	88	70196	950.45	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1180366	256.08	ug/l	99
52) Toluene	8.79	92	371433	48.91	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	224686	49.18	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	208265	47.37	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	154674	49.57	ug/l	98
56) Ethyl methacrylate	9.18	69	232389	50.95	ug/l	97
57) 1,3-Dichloropropane	9.38	76	252358	49.24	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	552221	250.98	ug/l	99
59) 2-Hexanone	9.50	43	905195	258.39	ug/l	98
60) Dibromochloromethane	9.59	129	173290	52.75	ug/l	99
61) 1,2-Dibromoethane	9.68	107	163949	50.09	ug/l	100
64) Tetrachloroethene	9.34	164	177353	44.23	ug/l	97
65) Chlorobenzene	10.14	112	429733	46.92	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	163644	49.19	ug/l	99
67) Ethyl Benzene	10.26	91	740120	48.92	ug/l	99
68) m/p-Xylenes	10.36	106	574567	98.54	ug/l	100
69) o-Xylene	10.70	106	280106	49.34	ug/l	99
70) Styrene	10.71	104	459325	49.79	ug/l	99
71) Bromoform	10.86	173	138562	46.40	ug/l	100
73) Isopropylbenzene	11.02	105	765764	49.20	ug/l	100
74) N-amyl acetate	6.47	43	360503	47.34	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	242625	50.60	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	227596m	54.31	ug/l	
77) Bromobenzene	11.26	156	211531	47.72	ug/l	98
78) n-propylbenzene	11.37	91	875434	49.41	ug/l	99
79) 2-Chlorotoluene	11.43	91	520902	48.56	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	651329	49.68	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	51202	36.43	ug/l	97
82) 4-Chlorotoluene	11.51	91	614394	48.38	ug/l	99
83) tert-Butylbenzene	11.77	119	653087	50.55	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	668074	49.18	ug/l	99
85) sec-Butylbenzene	11.95	105	768116	49.01	ug/l	100
86) p-Isopropyltoluene	12.07	119	697601	49.51	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	385656	47.64	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	394047	47.30	ug/l	99
89) n-Butylbenzene	12.39	91	592557	48.31	ug/l	100
90) Hexachloroethane	12.60	117	97753	46.64	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	389091	47.62	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	54213	50.30	ug/l	97

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	286405	48.16	ug/l	99
94) Hexachlorobutadiene	13.79	225	138433	46.67	ug/l	100
95) Naphthalene	13.83	128	813447	51.36	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	292684	49.28	ug/l	100

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

