

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX103018\
 Data File : VX005683.D
 Acq On : 30 Oct 2018 11:03
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/31/2018 11:07:02 AM

Quant Time: Oct 30 16:00:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 02:52:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	233093	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	347685	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	307116	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	179227	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	118567	41.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.34%	
35) Dibromofluoromethane	5.50	113	96564	41.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.04%	
50) Toluene-d8	8.71	98	369415	43.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.34%	
62) 4-Bromofluorobenzene	11.14	95	142166	44.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.00%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.20	85	141159	61.35	ug/l	100
3) Chloromethane	1.32	50	147947	50.49	ug/l	99
4) Vinyl Chloride	1.40	62	152051	52.78	ug/l	99
5) Bromomethane	1.64	94	81959	45.72	ug/l	98
6) Chloroethane	1.71	64	89115	48.42	ug/l	99
7) Trichlorofluoromethane	1.92	101	208024	51.96	ug/l	98
8) Diethyl Ether	2.18	74	81097	50.76	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	121341	52.83	ug/l	99
10) Methyl Iodide	2.51	142	131088	54.39	ug/l	98
11) Tert butyl alcohol	3.07	59	186113	243.07	ug/l	99
12) 1,1-Dichloroethene	2.37	96	111857	51.12	ug/l	99
13) Acrolein	2.29	56	80614	206.40	ug/l	100
14) Allyl chloride	2.73	41	243218	49.81	ug/l	98
15) Acrylonitrile	3.15	53	410563	239.13	ug/l	100
16) Acetone	2.44	43	417666	277.79	ug/l	99
17) Carbon Disulfide	2.57	76	332957	49.92	ug/l	100
18) Methyl Acetate	2.78	43	198234	53.47	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	398445	51.05	ug/l	99
20) Methylene Chloride	2.85	84	124070	49.27	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	119362	49.96	ug/l	96
22) Diisopropyl ether	3.87	45	440524	51.66	ug/l #	97
23) Vinyl Acetate	3.82	43	1979156	263.52	ug/l	99
24) 1,1-Dichloroethane	3.70	63	231224	49.87	ug/l	100
25) 2-Butanone	4.70	43	570068	248.99	ug/l	99
26) 2,2-Dichloropropane	4.58	77	179595	50.17	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	126068	48.95	ug/l	99
28) Bromochloromethane	5.01	49	93762	41.81	ug/l	96
29) Tetrahydrofuran	5.15	42	352957	236.88	ug/l	99
30) Chloroform	5.21	83	211121	48.68	ug/l	96
31) Cyclohexane	5.57	56	198534	51.75	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	187932	49.10	ug/l	98
36) 1,1-Dichloropropene	5.80	75	167340	49.59	ug/l	98
37) Ethyl Acetate	4.85	43	201215	46.73	ug/l	100
38) Carbon Tetrachloride	5.78	117	167486	47.13	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	197843	53.10	ug/l	99
40) Benzene	6.14	78	483892	50.03	ug/l	91
41) Methacrylonitrile	5.06	41	110514	46.08	ug/l	98
42) 1,2-Dichloroethane	6.20	62	175206	47.68	ug/l	100
43) Isopropyl Acetate	6.46	43	308006	47.74	ug/l	96
44) Trichloroethene	7.21	130	132545	50.30	ug/l	97
45) 1,2-Dichloropropane	7.51	63	132310	50.88	ug/l	98
46) Dibromomethane	7.66	93	84040	50.04	ug/l	99
47) Bromodichloromethane	7.90	83	161137	49.43	ug/l	98
48) Methyl methacrylate	7.77	41	160084	50.93	ug/l	99
49) 1,4-Dioxane	7.75	88	67451	981.96	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1068928	246.51	ug/l	99
52) Toluene	8.78	92	300294	51.08	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	185329	52.61	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	199435	52.58	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	121492	49.02	ug/l	98
56) Ethyl methacrylate	9.18	69	195808	52.97	ug/l	97
57) 1,3-Dichloropropane	9.37	76	205858	49.09	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	569779	275.97	ug/l	100
59) 2-Hexanone	9.49	43	872437	255.18	ug/l	99
60) Dibromochloromethane	9.59	129	131118	50.71	ug/l	99
61) 1,2-Dibromoethane	9.67	107	129007	50.32	ug/l	100
64) Tetrachloroethene	9.34	164	138499	54.32	ug/l	97
65) Chlorobenzene	10.14	112	339466	51.91	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	125970	52.83	ug/l	99
67) Ethyl Benzene	10.25	91	588775	54.72	ug/l	100
68) m/p-Xylenes	10.36	106	460108	110.22	ug/l	99
69) o-Xylene	10.70	106	217893	55.48	ug/l	100
70) Styrene	10.71	104	370691	56.38	ug/l	100
71) Bromoform	10.86	173	112862	53.04	ug/l	98
73) Isopropylbenzene	11.02	105	605451	55.26	ug/l	99
74) N-amyl acetate	10.90	43	289071	53.25	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	201107	49.76	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	194058m	51.10	ug/l	
77) Bromobenzene	11.26	156	161150	52.78	ug/l	98
78) n-propylbenzene	11.36	91	704956	56.27	ug/l	100
79) 2-Chlorotoluene	11.42	91	413454	53.23	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	517093	55.17	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	62133	53.46	ug/l	96
82) 4-Chlorotoluene	11.51	91	492568	53.78	ug/l	99
83) tert-Butylbenzene	11.77	119	514058	55.03	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	536541	56.49	ug/l	100
85) sec-Butylbenzene	11.94	105	623319	55.92	ug/l	100
86) p-Isopropyltoluene	12.07	119	568269	57.02	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	304238	52.99	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	306492	51.14	ug/l	99
89) n-Butylbenzene	12.39	91	511828	56.89	ug/l	99
90) Hexachloroethane	12.60	117	92467	53.80	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	302420	52.06	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	48506	49.63	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	232854	55.30	ug/l	100
94) Hexachlorobutadiene	13.79	225	117510	53.85	ug/l	99
95) Naphthalene	13.83	128	688329	56.23	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	232620	54.50	ug/l	100

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

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