

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX111418\
 Data File : VX005967.D
 Acq On : 14 Nov 2018 11:50
 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
 11/15/2018 1:04:50 PM

Quant Time: Nov 15 00:31:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	114868	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	154904	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	144711	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	85200	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	67008	50.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.48%	
35) Dibromofluoromethane	5.50	113	54804	52.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.04%	
50) Toluene-d8	8.71	98	189674	54.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.30%	
62) 4-Bromofluorobenzene	11.13	95	73596	58.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	50434	48.70	ug/l	99
3) Chloromethane	1.33	50	68590	50.46	ug/l	94
4) Vinyl Chloride	1.41	62	71317	52.27	ug/l	98
5) Bromomethane	1.64	94	42206	50.55	ug/l	100
6) Chloroethane	1.72	64	39626	48.67	ug/l	97
7) Trichlorofluoromethane	1.93	101	98129	54.18	ug/l	91
8) Diethyl Ether	2.19	74	37841	53.32	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	58312	55.98	ug/l	97
10) Methyl Iodide	2.51	142	64751	51.29	ug/l	99
11) Tert butyl alcohol	3.07	59	83792	221.50	ug/l	99
12) 1,1-Dichloroethene	2.37	96	49597	48.85	ug/l	94
13) Acrolein	2.30	56	53656	293.83	ug/l	96
14) Allyl chloride	2.73	41	115457	50.92	ug/l	100
15) Acrylonitrile	3.15	53	208508	265.96	ug/l	96
16) Acetone	2.45	43	180146	253.36	ug/l	100
17) Carbon Disulfide	2.57	76	142283	46.98	ug/l #	94
18) Methyl Acetate	2.78	43	106711	56.19	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	187066	53.98	ug/l	99
20) Methylene Chloride	2.86	84	58726	50.28	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	55359	51.69	ug/l	83
22) Diisopropyl ether	3.86	45	214134	53.91	ug/l #	81
23) Vinyl Acetate	3.82	43	959693	281.77	ug/l	98
24) 1,1-Dichloroethane	3.71	63	109539	51.69	ug/l	98
25) 2-Butanone	4.70	43	285708	255.59	ug/l	93
26) 2,2-Dichloropropane	4.59	77	87999	56.60	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	58278	49.28	ug/l	95
28) Bromochloromethane	5.02	49	52889	55.84	ug/l	99
29) Tetrahydrofuran	5.16	42	173742	242.07	ug/l	99
30) Chloroform	5.22	83	99694	48.76	ug/l	94
31) Cyclohexane	5.58	56	87173	47.39	ug/l	92
32) 1,1,1-Trichloroethane	5.51	97	88952	52.16	ug/l	98
36) 1,1-Dichloropropene	5.80	75	72785	48.74	ug/l	97
37) Ethyl Acetate	4.85	43	97229	49.51	ug/l	99
38) Carbon Tetrachloride	5.78	117	76845	51.40	ug/l	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	84739	55.99	ug/l	98
40) Benzene	6.14	78	211757	48.64	ug/l	98
41) Methacrylonitrile	5.06	41	57714	54.39	ug/l	99
42) 1,2-Dichloroethane	6.20	62	78539	50.37	ug/l	99
43) Isopropyl Acetate	6.46	43	143052	50.27	ug/l	99
44) Trichloroethene	7.21	130	58035	52.49	ug/l	77
45) 1,2-Dichloropropane	7.52	63	55726	52.74	ug/l	99
46) Dibromomethane	7.66	93	35232	53.14	ug/l	98
47) Bromodichloromethane	7.90	83	70661	56.39	ug/l	97
48) Methyl methacrylate	7.77	41	71853	56.24	ug/l	98
49) 1,4-Dioxane	7.75	88	27610	1002.83	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	479477	267.37	ug/l	100
52) Toluene	8.79	92	127079	52.23	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	80261	54.28	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	86087	57.12	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	52461	48.38	ug/l	99
56) Ethyl methacrylate	9.18	69	83561	51.50	ug/l	99
57) 1,3-Dichloropropane	9.37	76	89339	49.03	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	245896	277.21	ug/l	99
59) 2-Hexanone	9.49	43	389296	246.27	ug/l	99
60) Dibromochloromethane	9.59	129	57845	49.36	ug/l	99
61) 1,2-Dibromoethane	9.67	107	54960	45.84	ug/l	100
64) Tetrachloroethene	9.34	164	58060	47.12	ug/l	99
65) Chlorobenzene	10.14	112	144677	49.91	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	54086	53.66	ug/l	100
67) Ethyl Benzene	10.25	91	254317	54.71	ug/l	100
68) m/p-Xylenes	10.36	106	195475	110.24	ug/l	98
69) o-Xylene	10.70	106	92518	58.19	ug/l	98
70) Styrene	10.71	104	157177	59.92	ug/l	99
71) Bromoform	10.86	173	48212	57.06	ug/l	99
73) Isopropylbenzene	11.02	105	260069	52.78	ug/l	100
74) N-amyl acetate	10.90	43	128452	46.55	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	86757	47.97	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	85497m	49.28	ug/l	
77) Bromobenzene	11.26	156	67584	48.67	ug/l	99
78) n-propylbenzene	11.36	91	308246	53.09	ug/l	99
79) 2-Chlorotoluene	11.42	91	179664	51.19	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	226067	53.99	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	28512	52.38	ug/l	99
82) 4-Chlorotoluene	11.51	91	216831	52.42	ug/l	100
83) tert-Butylbenzene	11.77	119	219662	51.86	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	232376	50.29	ug/l	99
85) sec-Butylbenzene	11.94	105	272026	52.52	ug/l	100
86) p-Isopropyltoluene	12.07	119	248209	54.10	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	129299	48.51	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	131899	48.34	ug/l	99
89) n-Butylbenzene	12.39	91	229571	53.99	ug/l	99
90) Hexachloroethane	12.60	117	40050	52.28	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	128885	48.27	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	22463	50.90	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	99876	53.14	ug/l	100
94) Hexachlorobutadiene	13.78	225	51606	52.27	ug/l	99
95) Naphthalene	13.83	128	294813	48.14	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	99747	52.09	ug/l	99

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

