

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062018\
 Data File : VX002755.D
 Acq On : 20 Jun 2018 21:13
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 6/22/2018 8:08:43 AM

Quant Time: Jun 21 05:45:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	236802	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	330890	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	321168	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	205806	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	153407	42.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.26%	
35) Dibromofluoromethane	5.51	113	125745	47.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.24%	
50) Toluene-d8	8.72	98	448415	44.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.44%	
62) 4-Bromofluorobenzene	11.14	95	173458	45.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	116539	46.36	ug/l	98
3) Chloromethane	1.32	50	120084	40.16	ug/l	100
4) Vinyl Chloride	1.41	62	133364	42.98	ug/l #	88
5) Bromomethane	1.64	94	37977	20.28	ug/l	99
6) Chloroethane	1.71	64	98795	48.30	ug/l	98
7) Trichlorofluoromethane	1.92	101	235059	46.62	ug/l	98
8) Diethyl Ether	2.19	74	82157	42.84	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	129071	45.80	ug/l	100
10) Methyl Iodide	2.51	142	75675	23.02	ug/l	100
11) Tert butyl alcohol	3.09	59	175510	235.93	ug/l	100
12) 1,1-Dichloroethene	2.37	96	118135	44.65	ug/l	96
13) Acrolein	2.30	56	90291	258.66	ug/l	99
14) Allyl chloride	2.73	41	229612	43.71	ug/l	99
15) Acrylonitrile	3.15	53	368885	227.24	ug/l	99
16) Acetone	2.45	43	346750	218.41	ug/l	100
17) Carbon Disulfide	2.57	76	346848	55.27	ug/l	99
18) Methyl Acetate	2.78	43	200774	47.47	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	433318	43.66	ug/l	98
20) Methylene Chloride	2.86	84	127598	39.20	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	125113	43.59	ug/l	96
22) Diisopropyl ether	3.88	45	427054	44.93	ug/l	98
23) Vinyl Acetate	3.83	43	1875110	235.71	ug/l	100
24) 1,1-Dichloroethane	3.70	63	243823	47.26	ug/l	99
25) 2-Butanone	4.71	43	517935	248.41	ug/l	100
26) 2,2-Dichloropropane	4.59	77	146696	39.57	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	135551	46.41	ug/l	95
28) Bromochloromethane	5.03	49	104553	43.28	ug/l	94
29) Tetrahydrofuran	5.17	42	337345	246.88	ug/l	97
30) Chloroform	5.22	83	241435	48.53	ug/l	100
31) Cyclohexane	5.58	56	199299	46.92	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	216595	52.06	ug/l	99
36) 1,1-Dichloropropene	5.81	75	172097	48.97	ug/l	99
37) Ethyl Acetate	4.87	43	202215	50.84	ug/l	99
38) Carbon Tetrachloride	5.79	117	195272	55.80	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	199208	48.49	ug/l	99
40) Benzene	6.15	78	510258	48.42	ug/l	100
41) Methacrylonitrile	5.07	41	114726	51.08	ug/l	99
42) 1,2-Dichloroethane	6.20	62	200742	49.21	ug/l	100
43) Isopropyl Acetate	6.48	43	329227	49.96	ug/l	99
44) Trichloroethene	7.22	130	150853	49.60	ug/l	98
45) 1,2-Dichloropropane	7.52	63	134661	48.56	ug/l	97
46) Dibromomethane	7.66	93	94912	51.16	ug/l	98
47) Bromodichloromethane	7.90	83	183860	56.19	ug/l	98
48) Methyl methacrylate	7.79	41	169881	50.44	ug/l	97
49) 1,4-Dioxane	7.76	88	68597	1075.59	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	1094015	258.55	ug/l	99
52) Toluene	8.79	92	332714	49.50	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	202579	46.93	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	188862	45.99	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	138682	51.06	ug/l	98
56) Ethyl methacrylate	9.19	69	216028	51.68	ug/l	97
57) 1,3-Dichloropropane	9.38	76	224672	48.91	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	434018	214.68	ug/l	99
59) 2-Hexanone	9.50	43	843967	264.69	ug/l	99
60) Dibromochloromethane	9.59	129	154736	50.60	ug/l	99
61) 1,2-Dibromoethane	9.68	107	148020	52.62	ug/l	100
64) Tetrachloroethene	9.34	164	154373	43.30	ug/l	99
65) Chlorobenzene	10.14	112	385171	48.83	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	146033	54.31	ug/l	99
67) Ethyl Benzene	10.26	91	656530	49.35	ug/l	99
68) m/p-Xylenes	10.37	106	510325	99.44	ug/l	100
69) o-Xylene	10.70	106	248572	49.30	ug/l	97
70) Styrene	10.72	104	417526	50.35	ug/l	99
71) Bromoform	10.86	173	122261	49.95	ug/l #	99
73) Isopropylbenzene	11.02	105	677237	49.20	ug/l	99
74) N-amyl acetate	6.48	43	329227	48.14	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	221319	54.45	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	199789m	51.45	ug/l	
77) Bromobenzene	11.26	156	187308	48.85	ug/l	97
78) n-propylbenzene	11.37	91	769124	48.72	ug/l	100
79) 2-Chlorotoluene	11.43	91	459240	48.73	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	576510	49.56	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	44337	37.66	ug/l	98
82) 4-Chlorotoluene	11.51	91	545920	49.09	ug/l	100
83) tert-Butylbenzene	11.77	119	573529	51.18	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	595802	50.20	ug/l	100
85) sec-Butylbenzene	11.95	105	684273	49.11	ug/l	100
86) p-Isopropyltoluene	12.07	119	620568	49.22	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	339831	48.32	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	345594	48.30	ug/l	99
89) n-Butylbenzene	12.39	91	527628	47.44	ug/l	100
90) Hexachloroethane	12.60	117	82647	42.47	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	347197	49.05	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	50743	59.60	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	255668	49.77	ug/l	100
94) Hexachlorobutadiene	13.79	225	127950	47.28	ug/l	99
95) Naphthalene	13.84	128	739763	53.52	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	263253	51.03	ug/l	99

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

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