

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060618\
 Data File : VX002366.D
 Acq On : 06 Jun 2018 21:16
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/7/2018 11:36:30 AM

Quant Time: Jun 07 05:14:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	179003	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	318020	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	320013	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	198274	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	160385	63.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	127.20%	
35) Dibromofluoromethane	5.51	113	120552	48.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.40%	
50) Toluene-d8	8.72	98	442893	46.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.40%	
62) 4-Bromofluorobenzene	11.14	95	175946	47.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	54668	29.38	ug/l	100
3) Chloromethane	1.32	50	124956	59.13	ug/l	99
4) Vinyl Chloride	1.41	62	116744	49.78	ug/l	99
5) Bromomethane	1.64	94	71073	53.81	ug/l	100
6) Chloroethane	1.72	64	108850	71.75	ug/l	98
7) Trichlorofluoromethane	1.92	101	146847	41.10	ug/l	100
8) Diethyl Ether	2.19	74	95291	76.30	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	66813	34.65	ug/l	99
10) Methyl Iodide	2.51	142	120864	44.56	ug/l	99
11) Tert butyl alcohol	3.09	59	184679	360.80	ug/l	99
12) 1,1-Dichloroethene	2.37	96	96023	50.39	ug/l	96
13) Acrolein	2.30	56	71895	284.21	ug/l	99
14) Allyl chloride	2.73	41	235106	56.85	ug/l	99
15) Acrylonitrile	3.15	53	404071	375.77	ug/l	99
16) Acetone	2.45	43	374686	347.85	ug/l	99
17) Carbon Disulfide	2.57	76	221427	44.09	ug/l	99
18) Methyl Acetate	2.78	43	197691	78.64	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	499501	76.54	ug/l	100
20) Methylene Chloride	2.86	84	144317	72.55	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	119143	56.70	ug/l	96
22) Diisopropyl ether	3.88	45	456579	66.58	ug/l	98
23) Vinyl Acetate	3.83	43	2000722	298.43	ug/l	100
24) 1,1-Dichloroethane	3.70	63	219020	53.59	ug/l	99
25) 2-Butanone	4.71	43	526389	299.92	ug/l	100
26) 2,2-Dichloropropane	4.59	77	136884	42.84	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	132988	58.19	ug/l	92
28) Bromochloromethane	5.02	49	118300	69.44	ug/l	99
29) Tetrahydrofuran	5.17	42	345440	305.27	ug/l	99
30) Chloroform	5.22	83	236341	59.92	ug/l	99
31) Cyclohexane	5.57	56	110078	34.06	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	175666	52.52	ug/l	99
36) 1,1-Dichloropropene	5.81	75	136006	40.68	ug/l	99
37) Ethyl Acetate	4.87	43	213467	53.09	ug/l	99
38) Carbon Tetrachloride	5.79	117	133411	38.14	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	97618	23.77	ug/l	99
40) Benzene	6.15	78	501167	48.89	ug/l	99
41) Methacrylonitrile	5.07	41	119904	52.09	ug/l	98
42) 1,2-Dichloroethane	6.20	62	210742	51.74	ug/l	100
43) Isopropyl Acetate	6.47	43	355832	52.10	ug/l	100
44) Trichloroethene	7.21	130	130651	45.92	ug/l	97
45) 1,2-Dichloropropane	7.52	63	140272	50.69	ug/l	97
46) Dibromomethane	7.67	93	96552	51.47	ug/l	99
47) Bromodichloromethane	7.90	83	172062	50.71	ug/l	99
48) Methyl methacrylate	7.78	41	180615	52.65	ug/l	99
49) 1,4-Dioxane	7.76	88	68922	1074.56	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1157745	272.23	ug/l	100
52) Toluene	8.79	92	321125	49.25	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	203905	50.11	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	190748	49.69	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	142788	53.25	ug/l	97
56) Ethyl methacrylate	9.18	69	231010	53.96	ug/l	99
57) 1,3-Dichloropropane	9.38	76	240944	53.56	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	527466	266.20	ug/l	99
59) 2-Hexanone	9.50	43	886431	269.85	ug/l	99
60) Dibromochloromethane	9.59	129	143671	53.27	ug/l	99
61) 1,2-Dibromoethane	9.68	107	151282	54.11	ug/l	99
64) Tetrachloroethene	9.34	164	137273	41.59	ug/l	100
65) Chlorobenzene	10.14	112	381247	47.88	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	142311	49.36	ug/l	100
67) Ethyl Benzene	10.26	91	618718	46.43	ug/l	98
68) m/p-Xylenes	10.37	106	485434	93.71	ug/l	99
69) o-Xylene	10.70	106	252235	48.93	ug/l	97
70) Styrene	10.71	104	424992	50.43	ug/l	99
71) Bromoform	10.86	173	110047	43.13	ug/l	100
73) Isopropylbenzene	11.02	105	614951	44.58	ug/l	100
74) N-amyl acetate	6.47	43	355832	47.88	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	219870	50.68	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	215176m	49.46	ug/l	
77) Bromobenzene	11.26	156	187917	48.53	ug/l	99
78) n-propylbenzene	11.37	91	679738	44.34	ug/l	100
79) 2-Chlorotoluene	11.43	91	447569	46.24	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	539790	45.63	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	51956	41.86	ug/l	95
82) 4-Chlorotoluene	11.51	91	522789	46.79	ug/l	100
83) tert-Butylbenzene	11.77	119	512927	44.52	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	573711	47.11	ug/l	98
85) sec-Butylbenzene	11.95	105	577525	42.76	ug/l	100
86) p-Isopropyltoluene	12.07	119	536673	43.63	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	327537	47.31	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	335245	46.98	ug/l	99
89) n-Butylbenzene	12.39	91	428196	41.50	ug/l	99
90) Hexachloroethane	12.60	117	79444	40.46	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	352426	49.20	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	49632	52.32	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	234092	46.60	ug/l	100
94) Hexachlorobutadiene	13.79	225	94596	38.11	ug/l	98
95) Naphthalene	13.84	128	755771	52.37	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	251268	49.05	ug/l	99

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

