

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060518\
 Data File : VX002296.D
 Acq On : 05 Jun 2018 10:23
 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
 6/6/2018 4:10:40 PM

Quant Time: Jun 06 04:44:47 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	296607	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	413084	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	399664	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	265984	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	195649	45.84	ug/l	0.00
Spiked Amount			Recovery	=	91.68%	
35) Dibromofluoromethane	5.51	113	151890	46.76	ug/l	0.00
Spiked Amount			Recovery	=	93.52%	
50) Toluene-d8	8.72	98	608315	48.86	ug/l	0.00
Spiked Amount			Recovery	=	97.72%	
62) 4-Bromofluorobenzene	11.14	95	238416	49.66	ug/l	0.00
Spiked Amount			Recovery	=	99.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	162040	52.554	ug/l	99
3) Chloromethane	1.32	50	185412	52.633	ug/l	98
4) Vinyl Chloride	1.41	62	195948	50.425	ug/l	99
5) Bromomethane	1.64	94	121817	55.780	ug/l	99
6) Chloroethane	1.72	64	121573	48.364	ug/l	100
7) Trichlorofluoromethane	1.93	101	318122	53.730	ug/l	99
8) Diethyl Ether	2.19	74	110114	52.452	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	185144	57.946	ug/l	99
10) Methyl Iodide	2.51	142	226240	50.342	ug/l	99
11) Tert butyl alcohol	3.06	59	198228	226.149	ug/l	98
12) 1,1-Dichloroethene	2.38	96	158737	50.272	ug/l	96
13) Acrolein	2.29	56	105953	251.648	ug/l	100
14) Allyl chloride	2.73	41	320288	46.740	ug/l	99
15) Acrylonitrile	3.15	53	448299	248.274	ug/l	100
16) Acetone	2.45	43	535039	296.902	ug/l	99
17) Carbon Disulfide	2.57	76	396538	47.648	ug/l	98
18) Methyl Acetate	2.78	43	215030	50.639	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	568103	51.750	ug/l	99
20) Methylene Chloride	2.86	84	176000	52.624	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	169327	48.628	ug/l	99
22) Diisopropyl ether	3.87	45	617913	54.098	ug/l	98
23) Vinyl Acetate	3.82	43	2678639	241.133	ug/l	100
24) 1,1-Dichloroethane	3.70	63	326590	48.222	ug/l	99
25) 2-Butanone	4.70	43	640677	220.299	ug/l	100
26) 2,2-Dichloropropane	4.59	77	248274	46.896	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	169580	44.781	ug/l	95
28) Bromochloromethane	5.02	49	158012	55.229	ug/l	99
29) Tetrahydrofuran	5.16	42	387396	206.606	ug/l	100
30) Chloroform	5.21	83	302013	46.212	ug/l	98
31) Cyclohexane	5.57	56	280594	52.394	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	270982	48.892	ug/l	100
36) 1,1-Dichloropropene	5.80	75	232228	53.476	ug/l	99
37) Ethyl Acetate	4.85	43	239204	45.802	ug/l	99
38) Carbon Tetrachloride	5.78	117	240953	53.037	ug/l	97

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Quant Time: Jun 06 04:44:47 2018
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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	297735	55.465	ug/l	98
40) Benzene	6.15	78	666269	50.037	ug/l	99
41) Methacrylonitrile	5.06	41	135788	45.419	ug/l	99
42) 1,2-Dichloroethane	6.20	62	256406	48.467	ug/l	100
43) Isopropyl Acetate	6.46	43	409660	46.182	ug/l	100
44) Trichloroethene	7.21	130	196978	53.302	ug/l	95
45) 1,2-Dichloropropane	7.52	63	177705	49.435	ug/l	96
46) Dibromomethane	7.67	93	116888	47.967	ug/l	99
47) Bromodichloromethane	7.90	83	220744	50.086	ug/l	96
48) Methyl methacrylate	7.78	41	210356	47.210	ug/l	99
49) 1,4-Dioxane	7.76	88	77800	933.833	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1297730	234.921	ug/l	100
52) Toluene	8.79	92	445603	52.617	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	271482	51.366	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	255548	51.249	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	171908	49.354	ug/l	98
56) Ethyl methacrylate	9.18	69	268817	48.340	ug/l	99
57) 1,3-Dichloropropane	9.37	76	287664	49.228	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	696848	270.745	ug/l	100
59) 2-Hexanone	9.50	43	1039388	243.595	ug/l	99
60) Dibromochloromethane	9.59	129	182778	52.170	ug/l	100
61) 1,2-Dibromoethane	9.68	107	182877	50.354	ug/l	99
64) Tetrachloroethene	9.34	164	223484	54.220	ug/l	97
65) Chlorobenzene	10.14	112	508120	51.094	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	184118	51.131	ug/l	99
67) Ethyl Benzene	10.26	91	890551	53.510	ug/l	100
68) m/p-Xylenes	10.36	106	699829	108.174	ug/l	98
69) o-Xylene	10.70	106	336525	52.271	ug/l	99
70) Styrene	10.71	104	569302	54.091	ug/l	100
71) Bromoform	10.86	173	141458	44.289	ug/l	100
73) Isopropylbenzene	11.02	105	941498	50.883	ug/l	100
74) N-amyl acetate	6.46	43	409660	41.089	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	248572	42.714	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	258916m	44.362	ug/l	
77) Bromobenzene	11.26	156	246650	47.482	ug/l	98
78) n-propylbenzene	11.37	91	1091314	53.065	ug/l	100
79) 2-Chlorotoluene	11.43	91	626162	48.219	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	805011	50.724	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	75456	45.319	ug/l	98
82) 4-Chlorotoluene	11.51	91	754662	50.348	ug/l	100
83) tert-Butylbenzene	11.77	119	774573	50.120	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	829450	50.772	ug/l	98
85) sec-Butylbenzene	11.95	105	985225	54.379	ug/l	100
86) p-Isopropyltoluene	12.07	119	900637	54.575	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	464210	49.980	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	472994	49.406	ug/l	100
89) n-Butylbenzene	12.39	91	808589	58.421	ug/l	100
90) Hexachloroethane	12.60	117	131824	50.040	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	463007	48.181	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	56858	44.678	ug/l	98

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	354070	52.546	ug/l	99
94) Hexachlorobutadiene	13.79	225	193978	58.256	ug/l	100
95) Naphthalene	13.84	128	939853	48.545	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	353730	51.474	ug/l	100

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

