

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060718\
 Data File : VX002368.D
 Acq On : 07 Jun 2018 09:56
 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
 6/8/2018 1:20:22 PM

Quant Time: Jun 08 03:28:29 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	266607	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	380867	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	368056	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	245268	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	177542	46.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.62%	
35) Dibromofluoromethane	5.51	113	137172	45.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.60%	
50) Toluene-d8	8.72	98	535487	46.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.28%	
62) 4-Bromofluorobenzene	11.14	95	207808	46.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.88%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	135618	48.934	ug/l	99
3) Chloromethane	1.32	50	150872	47.359	ug/l	99
4) Vinyl Chloride	1.41	62	167750	48.026	ug/l	99
5) Bromomethane	1.64	94	86497	43.312	ug/l	100
6) Chloroethane	1.72	64	110936	49.099	ug/l	99
7) Trichlorofluoromethane	1.93	101	279934	52.600	ug/l	97
8) Diethyl Ether	2.19	74	102536	54.429	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	161699	56.303	ug/l	99
10) Methyl Iodide	2.51	142	133600	33.073	ug/l	100
11) Tert butyl alcohol	3.07	59	193037	246.800	ug/l	100
12) 1,1-Dichloroethene	2.37	96	139176	49.037	ug/l	98
13) Acrolein	2.29	56	72692	189.674	ug/l	99
14) Allyl chloride	2.73	41	286354	46.491	ug/l	99
15) Acrylonitrile	3.15	53	414161	255.457	ug/l	99
16) Acetone	2.45	43	473297	291.865	ug/l	100
17) Carbon Disulfide	2.57	76	341123	45.601	ug/l	99
18) Methyl Acetate	2.78	43	200984	52.771	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	530947	53.907	ug/l	100
20) Methylene Chloride	2.86	84	160355	53.381	ug/l	100
21) trans-1,2-Dichloroethene	3.17	96	151069	48.267	ug/l	98
22) Diisopropyl ether	3.87	45	568428	55.402	ug/l	98
23) Vinyl Acetate	3.82	43	2471020	247.473	ug/l	100
24) 1,1-Dichloroethane	3.70	63	294987	48.456	ug/l	99
25) 2-Butanone	4.70	43	581541	222.465	ug/l	99
26) 2,2-Dichloropropane	4.59	77	215674	45.323	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	153326	45.045	ug/l	94
28) Bromochloromethane	5.02	49	134691	52.177	ug/l	99
29) Tetrahydrofuran	5.16	42	357521	212.129	ug/l	100
30) Chloroform	5.21	83	274203	46.678	ug/l	96
31) Cyclohexane	5.58	56	238377	49.519	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	239264	48.027	ug/l	100
36) 1,1-Dichloropropene	5.80	75	200075	49.969	ug/l	100
37) Ethyl Acetate	4.86	43	219841	45.655	ug/l	100
38) Carbon Tetrachloride	5.79	117	209446	50.002	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	250514	50.639	ug/l	96
40) Benzene	6.15	78	593757	48.364	ug/l	100
41) Methacrylonitrile	5.06	41	124910	45.315	ug/l	99
42) 1,2-Dichloroethane	6.20	62	232281	47.621	ug/l	100
43) Isopropyl Acetate	6.46	43	377830	46.196	ug/l	100
44) Trichloroethene	7.21	130	170878	50.150	ug/l	98
45) 1,2-Dichloropropane	7.52	63	159756	48.201	ug/l	100
46) Dibromomethane	7.67	93	106202	47.268	ug/l	100
47) Bromodichloromethane	7.90	83	198397	48.823	ug/l	99
48) Methyl methacrylate	7.78	41	194886	47.437	ug/l	99
49) 1,4-Dioxane	7.76	88	71783	934.493	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	1205690	236.721	ug/l	100
52) Toluene	8.79	92	395546	50.657	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	245444	50.367	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	230150	50.060	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	157988	49.195	ug/l	98
56) Ethyl methacrylate	9.18	69	249862	48.732	ug/l	99
57) 1,3-Dichloropropane	9.37	76	261049	48.453	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	576906	243.104	ug/l	99
59) 2-Hexanone	9.50	43	938253	238.493	ug/l	98
60) Dibromochloromethane	9.59	129	168028	52.017	ug/l	99
61) 1,2-Dibromoethane	9.68	107	166672	49.774	ug/l	98
64) Tetrachloroethene	9.34	164	193594	51.001	ug/l	97
65) Chlorobenzene	10.14	112	456391	49.834	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	168949	50.948	ug/l	99
67) Ethyl Benzene	10.26	91	791283	51.628	ug/l	98
68) m/p-Xylenes	10.36	106	615657	103.336	ug/l	99
69) o-Xylene	10.70	106	302591	51.036	ug/l	98
70) Styrene	10.71	104	504119	52.011	ug/l	99
71) Bromoform	10.86	173	130244	44.280	ug/l	99
73) Isopropylbenzene	11.02	105	823682	48.276	ug/l	100
74) N-amyl acetate	6.46	43	377830	41.097	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	233455	43.504	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	237494m	44.129	ug/l	
77) Bromobenzene	11.26	156	222173	46.383	ug/l	98
78) n-propylbenzene	11.37	91	954596	50.337	ug/l	99
79) 2-Chlorotoluene	11.43	91	557781	46.581	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	714571	48.828	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	66705	43.447	ug/l	98
82) 4-Chlorotoluene	11.51	91	668710	48.382	ug/l	100
83) tert-Butylbenzene	11.77	119	696171	48.851	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	731267	48.542	ug/l	98
85) sec-Butylbenzene	11.95	105	868746	52.000	ug/l	100
86) p-Isopropyltoluene	12.07	119	791554	52.016	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	417165	48.708	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	421362	47.731	ug/l	100
89) n-Butylbenzene	12.39	91	694154	54.389	ug/l	100
90) Hexachloroethane	12.60	117	117903	48.536	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	418473	47.224	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	52949	45.121	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	316873	50.998	ug/l	100
94) Hexachlorobutadiene	13.79	225	170169	55.422	ug/l	98
95) Naphthalene	13.84	128	850672	47.650	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	320366	50.556	ug/l	99

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

