

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061818\
 Data File : VX002691.D
 Acq On : 18 Jun 2018 21:01
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/19/2018 1:05:45 PM

Quant Time: Jun 19 05:56:42 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	219211	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	311510	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	298119	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	194210	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	156859	47.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.18%	
35) Dibromofluoromethane	5.51	113	127259	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	
50) Toluene-d8	8.72	98	474015	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	
62) 4-Bromofluorobenzene	11.14	95	181078	50.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	98109	42.158	ug/l	98
3) Chloromethane	1.32	50	106672	38.534	ug/l	99
4) Vinyl Chloride	1.40	62	120624	41.991	ug/l	98
5) Bromomethane	1.64	94	60739	35.043	ug/l	100
6) Chloroethane	1.71	64	82069	43.345	ug/l	100
7) Trichlorofluoromethane	1.92	101	224518	48.107	ug/l	95
8) Diethyl Ether	2.19	74	81287	45.792	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	126074	48.327	ug/l	99
10) Methyl Iodide	2.51	142	95714	29.551	ug/l	99
11) Tert butyl alcohol	3.09	59	169430	246.034	ug/l	98
12) 1,1-Dichloroethene	2.37	96	110161	44.975	ug/l	96
13) Acrolein	2.30	56	48737	153.683	ug/l	98
14) Allyl chloride	2.73	41	221982	45.644	ug/l	99
15) Acrylonitrile	3.15	53	369634	245.975	ug/l	100
16) Acetone	2.45	43	350240	238.310	ug/l	100
17) Carbon Disulfide	2.57	76	271751	46.778	ug/l	99
18) Methyl Acetate	2.78	43	201684	51.510	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	430642	46.867	ug/l	99
20) Methylene Chloride	2.86	84	127470	42.301	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	118999	44.783	ug/l	96
22) Diisopropyl ether	3.88	45	448120	50.929	ug/l	98
23) Vinyl Acetate	3.83	43	1957478	265.804	ug/l	99
24) 1,1-Dichloroethane	3.70	63	238713	49.986	ug/l	99
25) 2-Butanone	4.72	43	503457	260.848	ug/l	99
26) 2,2-Dichloropropane	4.59	77	145455	42.389	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	129233	47.798	ug/l	94
28) Bromochloromethane	5.03	49	108077	48.325	ug/l	96
29) Tetrahydrofuran	5.18	42	325082	256.995	ug/l	97
30) Chloroform	5.22	83	231283	50.222	ug/l	97
31) Cyclohexane	5.57	56	187216	47.614	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	201162	52.228	ug/l	100
36) 1,1-Dichloropropene	5.80	75	162195	49.025	ug/l	99
37) Ethyl Acetate	4.87	43	193881	51.775	ug/l	99
38) Carbon Tetrachloride	5.79	117	178368	54.142	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	193472	50.023	ug/l	99
40) Benzene	6.15	78	484350	48.824	ug/l	99
41) Methacrylonitrile	5.07	41	109931	51.994	ug/l	98
42) 1,2-Dichloroethane	6.21	62	193895	50.484	ug/l	100
43) Isopropyl Acetate	6.48	43	315997	50.933	ug/l	99
44) Trichloroethene	7.22	130	140381	49.027	ug/l	100
45) 1,2-Dichloropropane	7.52	63	127891	48.984	ug/l	99
46) Dibromomethane	7.67	93	90111	51.596	ug/l	98
47) Bromodichloromethane	7.90	83	169975	55.180	ug/l	98
48) Methyl methacrylate	7.79	41	163588	51.597	ug/l	98
49) 1,4-Dioxane	7.76	88	65731	1094.772	ug/l	96
51) 4-Methyl-2-Pentanone	8.66	43	1059156	265.882	ug/l	99
52) Toluene	8.79	92	316317	49.986	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	192185	47.270	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	180144	46.549	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	133012	52.019	ug/l	98
56) Ethyl methacrylate	9.19	69	204030	51.850	ug/l	98
57) 1,3-Dichloropropane	9.38	76	216056	49.959	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	470696	247.311	ug/l	98
59) 2-Hexanone	9.50	43	819201	272.907	ug/l	98
60) Dibromochloromethane	9.59	129	143699	49.962	ug/l	98
61) 1,2-Dibromoethane	9.68	107	141363	53.380	ug/l	100
64) Tetrachloroethene	9.34	164	157030	47.452	ug/l	99
65) Chlorobenzene	10.14	112	366771	50.096	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	138874	55.638	ug/l	99
67) Ethyl Benzene	10.26	91	630077	51.023	ug/l	100
68) m/p-Xylenes	10.37	106	488198	102.487	ug/l	100
69) o-Xylene	10.70	106	239222	51.114	ug/l	99
70) Styrene	10.71	104	403680	52.448	ug/l	99
71) Bromoform	10.86	173	112522	49.564	ug/l	100
73) Isopropylbenzene	11.02	105	661086	50.896	ug/l	99
74) N-amyl acetate	6.48	43	315997	48.965	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	204142	53.221	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	199117m	54.333	ug/l	
77) Bromobenzene	11.26	156	181279	50.096	ug/l	97
78) n-propylbenzene	11.37	91	752798	50.536	ug/l	100
79) 2-Chlorotoluene	11.43	91	443317	49.845	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	559054	50.930	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	49179	43.530	ug/l	97
82) 4-Chlorotoluene	11.51	91	523918	49.923	ug/l	99
83) tert-Butylbenzene	11.77	119	560462	53.000	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	577462	51.555	ug/l	99
85) sec-Butylbenzene	11.95	105	682610	51.914	ug/l	99
86) p-Isopropyltoluene	12.07	119	614239	51.629	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	333254	50.218	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	334617	49.556	ug/l	100
89) n-Butylbenzene	12.39	91	528717	50.376	ug/l	100
90) Hexachloroethane	12.60	117	89265	48.231	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	337970	50.601	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	48198	59.989	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	251336	51.849	ug/l	99
94) Hexachlorobutadiene	13.79	225	129073	50.547	ug/l	99
95) Naphthalene	13.84	128	718722	55.099	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	257013	52.790	ug/l	100

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

