

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082418\
 Data File : VX004257.D
 Acq On : 24 Aug 2018 19:48
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/27/2018 3:12:25 PM

Quant Time: Aug 25 02:14:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	319411	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	476244	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	408289	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	274348	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	209368	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	
35) Dibromofluoromethane	5.50	113	178959	50.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.02%	
50) Toluene-d8	8.71	98	682687	51.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.10%	
62) 4-Bromofluorobenzene	11.14	95	257073	51.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	190598	51.518	ug/l	100
3) Chloromethane	1.32	50	191196	46.779	ug/l	99
4) Vinyl Chloride	1.40	62	208921	49.920	ug/l	99
5) Bromomethane	1.64	94	81644	39.137	ug/l	98
6) Chloroethane	1.71	64	136049	45.659	ug/l	99
7) Trichlorofluoromethane	1.92	101	285878	49.847	ug/l	96
8) Diethyl Ether	2.18	74	125869	51.253	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	175197	48.772	ug/l	99
10) Methyl Iodide	2.51	142	156779	39.644	ug/l	99
11) Tert butyl alcohol	3.08	59	229064	258.123	ug/l	100
12) 1,1-Dichloroethene	2.37	96	166825	49.302	ug/l	94
13) Acrolein	2.29	56	67446	315.248	ug/l	96
14) Allyl chloride	2.72	41	306423	49.288	ug/l	99
15) Acrylonitrile	3.15	53	542361	246.783	ug/l	99
16) Acetone	2.45	43	439124	258.672	ug/l	99
17) Carbon Disulfide	2.56	76	456799	48.631	ug/l	99
18) Methyl Acetate	2.78	43	339183	54.903	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	565689	50.729	ug/l	98
20) Methylene Chloride	2.85	84	190845	47.622	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	178727	47.720	ug/l	97
22) Diisopropyl ether	3.87	45	577447	49.747	ug/l	99
23) Vinyl Acetate	3.82	43	2354656	250.281	ug/l	99
24) 1,1-Dichloroethane	3.69	63	330973	48.926	ug/l	99
25) 2-Butanone	4.70	43	710598	254.790	ug/l	100
26) 2,2-Dichloropropane	4.58	77	223617	42.146	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	212800	50.094	ug/l	97
28) Bromochloromethane	5.01	49	150145	50.133	ug/l	99
29) Tetrahydrofuran	5.16	42	451212	252.261	ug/l	99
30) Chloroform	5.21	83	335429	49.455	ug/l	98
31) Cyclohexane	5.57	56	294307	50.423	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	283898	50.197	ug/l	100
36) 1,1-Dichloropropene	5.80	75	255535	47.727	ug/l	99
37) Ethyl Acetate	4.86	43	259991	49.375	ug/l	100
38) Carbon Tetrachloride	5.78	117	247102	49.061	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	300953	49.233	ug/l	99
40) Benzene	6.14	78	789097	49.324	ug/l	100
41) Methacrylonitrile	5.06	41	151331	49.581	ug/l	100
42) 1,2-Dichloroethane	6.20	62	264187	48.412	ug/l	100
43) Isopropyl Acetate	6.46	43	416066	51.422	ug/l	100
44) Trichloroethene	7.21	130	212300	47.940	ug/l	98
45) 1,2-Dichloropropane	7.52	63	195608	48.852	ug/l	99
46) Dibromomethane	7.67	93	129666	48.636	ug/l	98
47) Bromodichloromethane	7.90	83	252417	50.882	ug/l	99
48) Methyl methacrylate	7.78	41	222029	51.284	ug/l	99
49) 1,4-Dioxane	7.76	88	103265	1050.540	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1406906	239.316	ug/l	99
52) Toluene	8.79	92	499821	49.910	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	275314	50.247	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	303196	50.801	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	200892	49.694	ug/l	98
56) Ethyl methacrylate	9.18	69	300034	54.520	ug/l	98
57) 1,3-Dichloropropane	9.37	76	339810	49.869	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	751045	266.349	ug/l	100
59) 2-Hexanone	9.50	43	1077826	240.317	ug/l	99
60) Dibromochloromethane	9.59	129	204506	51.923	ug/l	100
61) 1,2-Dibromoethane	9.67	107	211010	50.438	ug/l	99
64) Tetrachloroethene	9.34	164	204040	50.588	ug/l	100
65) Chlorobenzene	10.14	112	521724	50.915	ug/l	93
66) 1,1,1,2-Tetrachloroethane	10.23	131	182639	51.676	ug/l	98
67) Ethyl Benzene	10.25	91	905841	54.433	ug/l	98
68) m/p-Xylenes	10.36	106	699030	107.425	ug/l	98
69) o-Xylene	10.70	106	328629	53.390	ug/l	99
70) Styrene	10.71	104	538189	54.000	ug/l	97
71) Bromoform	10.86	173	152659	53.584	ug/l	98
73) Isopropylbenzene	11.02	105	959867	53.270	ug/l	100
74) N-amyl acetate	10.90	43	369280	53.227	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	310060	49.172	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	278632m	49.936	ug/l	
77) Bromobenzene	11.26	156	256982	50.842	ug/l	99
78) n-propylbenzene	11.36	91	1104381	53.290	ug/l	100
79) 2-Chlorotoluene	11.42	91	651864	51.103	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	808142	54.158	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	86856	50.506	ug/l	99
82) 4-Chlorotoluene	11.51	91	766186	51.045	ug/l	100
83) tert-Butylbenzene	11.77	119	808831	53.874	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	827463	54.021	ug/l	99
85) sec-Butylbenzene	11.94	105	945658	53.054	ug/l	100
86) p-Isopropyltoluene	12.07	119	864308	54.107	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	472545	49.655	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	482791	48.116	ug/l	100
89) n-Butylbenzene	12.39	91	684594	52.704	ug/l	99
90) Hexachloroethane	12.60	117	116134	52.015	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	439516	50.532	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	57298	51.590	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	318418	50.316	ug/l	97
94) Hexachlorobutadiene	13.79	225	141541	48.072	ug/l	94
95) Naphthalene	13.83	128	1023971	57.208	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	351370	52.449	ug/l	98

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

