

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062719\
 Data File : VX010476.D
 Acq On : 27 Jun 2019 09:47
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/28/2019 10:37:27 AM

Quant Time: Jun 28 06:57:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	269528	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	385234	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	351139	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	184459	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	114287	45.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.44%	
35) Dibromofluoromethane	5.49	113	116016	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	
50) Toluene-d8	8.71	98	434810	48.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.44%	
62) 4-Bromofluorobenzene	11.13	95	157924	48.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	84267	44.970	ug/l	100
3) Chloromethane	1.32	50	91919	42.127	ug/l	99
4) Vinyl Chloride	1.41	62	103307	43.226	ug/l	97
5) Bromomethane	1.64	94	53402	45.865	ug/l	100
6) Chloroethane	1.71	64	66580	47.220	ug/l	96
7) Trichlorofluoromethane	1.92	101	179716	47.436	ug/l	100
8) Diethyl Ether	2.18	74	64802	47.696	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	108230	47.141	ug/l	100
10) Methyl Iodide	2.51	142	152877	46.658	ug/l	98
11) Tert butyl alcohol	3.05	59	133860	202.432	ug/l	98
12) 1,1-Dichloroethene	2.37	96	104793	44.856	ug/l	99
13) Acrolein	2.29	56	89207	203.362	ug/l	99
14) Allyl chloride	2.73	41	152881	46.094	ug/l	99
15) Acrylonitrile	3.14	53	301428	230.236	ug/l	100
16) Acetone	2.44	43	351504	277.539	ug/l	97
17) Carbon Disulfide	2.57	76	255482	40.762	ug/l	99
18) Methyl Acetate	2.77	43	115311	45.682	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	344490	46.873	ug/l	98
20) Methylene Chloride	2.85	84	120300	46.156	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	112874	44.923	ug/l	98
22) Diisopropyl ether	3.85	45	326509	47.084	ug/l	90
23) Vinyl Acetate	3.81	43	1441326	240.593	ug/l	100
24) 1,1-Dichloroethane	3.69	63	188525	47.032	ug/l	100
25) 2-Butanone	4.67	43	468054	251.940	ug/l	100
26) 2,2-Dichloropropane	4.57	77	166231	47.739	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	135634	46.713	ug/l	99
28) Bromochloromethane	5.01	49	83672	43.659	ug/l	100
29) Tetrahydrofuran	5.12	42	260572	226.440	ug/l	100
30) Chloroform	5.21	83	202664	46.991	ug/l	98
31) Cyclohexane	5.57	56	167155	45.793	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	180774	47.469	ug/l	100
36) 1,1-Dichloropropene	5.79	75	147768	48.270	ug/l	99
37) Ethyl Acetate	4.82	43	153872	48.859	ug/l	99
38) Carbon Tetrachloride	5.77	117	161193	48.626	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	196098	48.732	ug/l	98
40) Benzene	6.14	78	464769	48.732	ug/l	100
41) Methacrylonitrile	5.04	41	84454	48.875	ug/l	99
42) 1,2-Dichloroethane	6.19	62	146687	50.526	ug/l	100
43) Isopropyl Acetate	6.44	43	256152	49.161	ug/l	99
44) Trichloroethene	7.21	130	138456	48.516	ug/l	99
45) 1,2-Dichloropropane	7.51	63	116327	48.300	ug/l	99
46) Dibromomethane	7.66	93	85069	49.230	ug/l	99
47) Bromodichloromethane	7.89	83	158523	50.058	ug/l	98
48) Methyl methacrylate	7.76	41	119753	49.445	ug/l	99
49) 1,4-Dioxane	7.74	88	65853	943.871	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	820970	246.357	ug/l	99
52) Toluene	8.78	92	305863	48.699	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	175970	49.563	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	193046	50.034	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	129702	50.072	ug/l	98
56) Ethyl methacrylate	9.18	69	194683	49.614	ug/l	98
57) 1,3-Dichloropropane	9.37	76	197652	49.156	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	455477	244.409	ug/l	99
59) 2-Hexanone	9.49	43	667163	254.376	ug/l	99
60) Dibromochloromethane	9.58	129	146546	50.529	ug/l	100
61) 1,2-Dibromoethane	9.67	107	138982	49.709	ug/l	99
64) Tetrachloroethene	9.34	164	139127	48.986	ug/l	97
65) Chlorobenzene	10.13	112	353784	49.627	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	132181	50.904	ug/l	100
67) Ethyl Benzene	10.25	91	600825	49.923	ug/l	99
68) m/p-Xylenes	10.35	106	464760	99.664	ug/l	100
69) o-Xylene	10.69	106	226881	49.474	ug/l	100
70) Styrene	10.71	104	392068	50.980	ug/l	100
71) Bromoform	10.85	173	115166	51.001	ug/l #	100
73) Isopropylbenzene	11.02	105	611287	48.887	ug/l	99
74) N-amyl acetate	10.90	43	229408	48.546	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	194187	46.894	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	164499m	48.939	ug/l	
77) Bromobenzene	11.25	156	167203	47.889	ug/l	99
78) n-propylbenzene	11.36	91	691235	50.299	ug/l	100
79) 2-Chlorotoluene	11.42	91	401007	49.003	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	513991	49.863	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	65323	45.337	ug/l	97
82) 4-Chlorotoluene	11.51	91	462241	49.641	ug/l	99
83) tert-Butylbenzene	11.77	119	515911	49.865	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	517384	49.958	ug/l	99
85) sec-Butylbenzene	11.94	105	610905	50.290	ug/l	99
86) p-Isopropyltoluene	12.06	119	562193	50.034	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	297220	48.768	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	295136	47.567	ug/l	99
89) n-Butylbenzene	12.38	91	493025	51.636	ug/l	100
90) Hexachloroethane	12.59	117	98420	50.656	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	289001	47.711	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	40437	45.291	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	212841	50.669	ug/l	99
94) Hexachlorobutadiene	13.78	225	105122	51.204	ug/l	100
95) Naphthalene	13.83	128	629094	48.734	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	211161	50.559	ug/l	99

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

