

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100418\
 Data File : VU027392.D
 Acq On : 04 Oct 2018 08:45
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/8/2018 1:52:28 PM

Quant Time: Oct 05 03:43:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 02:04:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	115700	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	192100	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	178074	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	94904	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	88022	45.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.12%	
35) Dibromofluoromethane	4.88	113	62676	47.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.22%	
50) Toluene-d8	7.57	98	241300	48.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.94%	
62) 4-Bromofluorobenzene	10.31	95	89317	48.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	84610	50.724	ug/l	99
3) Chloromethane	1.33	50	97632	43.232	ug/l	100
4) Vinyl Chloride	1.40	62	101150	47.648	ug/l	100
5) Bromomethane	1.61	94	49978	54.408	ug/l	99
6) Chloroethane	1.69	64	56870	44.581	ug/l	99
7) Trichlorofluoromethane	1.88	101	107731	50.015	ug/l	99
8) Diethyl Ether	2.11	74	46296	46.659	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.29	101	59803	47.808	ug/l	99
10) Methyl Iodide	2.41	142	53144	48.792	ug/l	98
11) Tert butyl alcohol	2.83	59	92196	226.612	ug/l	98
12) 1,1-Dichloroethene	2.28	96	55059	45.051	ug/l	97
13) Acrolein	2.20	56	86351	252.943	ug/l	99
14) Allyl chloride	2.59	41	137239	47.289	ug/l	99
15) Acrylonitrile	2.94	53	247038	233.295	ug/l	99
16) Acetone	2.32	43	241402	211.507	ug/l	99
17) Carbon Disulfide	2.48	76	194282	44.077	ug/l	100
18) Methyl Acetate	2.62	43	128855	49.489	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	233812	47.747	ug/l	99
20) Methylene Chloride	2.70	84	74356	46.770	ug/l	99
21) trans-1,2-Dichloroethene	2.98	96	64782	47.214	ug/l	98
22) Diisopropyl ether	3.57	45	290403	49.232	ug/l	97
23) Vinyl Acetate	3.53	43	1239839	240.681	ug/l	100
24) 1,1-Dichloroethane	3.45	63	147525	48.650	ug/l	99
25) 2-Butanone	4.26	43	356486	229.045	ug/l	99
26) 2,2-Dichloropropane	4.23	77	117324	47.086	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	73713	46.977	ug/l	97
28) Bromochloromethane	4.55	49	75005	51.268	ug/l	98
29) Tetrahydrofuran	4.64	42	227486	231.924	ug/l	99
30) Chloroform	4.67	83	133117	49.409	ug/l	98
31) Cyclohexane	5.00	56	138304	44.609	ug/l	99
32) 1,1,1-Trichloroethane	4.92	97	109731	48.360	ug/l	99
36) 1,1-Dichloropropene	5.14	75	101460	48.644	ug/l	99
37) Ethyl Acetate	4.38	43	129500	48.040	ug/l	99
38) Carbon Tetrachloride	5.13	117	93365	49.554	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	118930	48.778	ug/l	99
40) Benzene	5.39	78	303714	49.989	ug/l	99
41) Methacrylonitrile	4.54	41	74149	48.666	ug/l	98
42) 1,2-Dichloroethane	5.40	62	113721	50.426	ug/l	100
43) Isopropyl Acetate	5.55	43	206922	49.424	ug/l	99
44) Trichloroethene	6.19	130	65664	48.469	ug/l	97
45) 1,2-Dichloropropane	6.43	63	87201	49.761	ug/l	98
46) Dibromomethane	6.56	93	50764	51.291	ug/l	97
47) Bromodichloromethane	6.76	83	102613	49.965	ug/l	99
48) Methyl methacrylate	6.62	41	104396	50.143	ug/l	99
49) 1,4-Dioxane	6.61	88	38009	1061.059	ug/l	97
51) 4-Methyl-2-Pentanone	7.46	43	674983	248.108	ug/l	99
52) Toluene	7.64	92	177638	49.397	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	121060	50.276	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	130956	50.590	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	70129	49.186	ug/l	99
56) Ethyl methacrylate	8.02	69	119118	43.916	ug/l	97
57) 1,3-Dichloropropane	8.24	76	136554	49.335	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	336383	225.186	ug/l	100
59) 2-Hexanone	8.36	43	522335	247.508	ug/l	100
60) Dibromochloromethane	8.48	129	72948	51.012	ug/l	100
61) 1,2-Dibromoethane	8.59	107	73737	48.641	ug/l	100
64) Tetrachloroethene	8.23	164	54636	49.286	ug/l	98
65) Chlorobenzene	9.12	112	185856	49.584	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	65547	50.655	ug/l	100
67) Ethyl Benzene	9.25	91	336607	50.686	ug/l	99
68) m/p-Xylenes	9.38	106	253022	104.160	ug/l	100
69) o-Xylene	9.78	106	119949	51.962	ug/l	99
70) Styrene	9.79	104	205843	47.809	ug/l	99
71) Bromoform	9.96	173	52613	50.537	ug/l #	99
73) Isopropylbenzene	10.17	105	330179	47.902	ug/l	100
74) N-amyl acetate	10.02	43	184565	46.773	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.46	83	123097	45.482	ug/l	100
76) 1,2,3-Trichloropropane	10.49	75	105690m	42.961	ug/l	
77) Bromobenzene	10.45	156	75684	47.246	ug/l	99
78) n-propylbenzene	10.59	91	415225	50.133	ug/l	100
79) 2-Chlorotoluene	10.66	91	237623	47.516	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	283613	50.539	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	42214m	44.908	ug/l	
82) 4-Chlorotoluene	10.77	91	281067	49.527	ug/l	99
83) tert-Butylbenzene	11.10	119	265352	48.912	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	290914	50.750	ug/l	100
85) sec-Butylbenzene	11.32	105	346826	50.739	ug/l	99
86) p-Isopropyltoluene	11.48	119	300553	51.354	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	143776	47.400	ug/l	98
88) 1,4-Dichlorobenzene	11.51	146	146558	47.283	ug/l	98
89) n-Butylbenzene	11.89	91	299546	48.300	ug/l	100
90) Hexachloroethane	12.15	117	52792	47.855	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	140624	47.628	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	27736	46.240	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	103498	54.174	ug/l	100
94) Hexachlorobutadiene	13.69	225	51120	52.960	ug/l	99
95) Naphthalene	13.74	128	333118	46.546	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	105308	52.908	ug/l	100

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

