

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092318\
 Data File : VU027065.D
 Acq On : 23 Sep 2018 12:06
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 107 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/24/2018 4:40:36 PM

Quant Time: Sep 24 07:42:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 22 01:31:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	86793	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	147575	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	142100	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	78629	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	90642	51.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.78%	
35) Dibromofluoromethane	4.88	113	63458	49.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.22%	
50) Toluene-d8	7.57	98	246753	50.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.24%	
62) 4-Bromofluorobenzene	10.31	95	88495	52.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	52660	46.470	ug/l	100
3) Chloromethane	1.33	50	88050	45.067	ug/l	100
4) Vinyl Chloride	1.40	62	84559	46.366	ug/l	99
5) Bromomethane	1.61	94	45432	43.746	ug/l	99
6) Chloroethane	1.69	64	55236	47.402	ug/l	98
7) Trichlorofluoromethane	1.88	101	96971	46.816	ug/l	98
8) Diethyl Ether	2.10	74	48084	48.229	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.28	101	59563	46.768	ug/l	99
10) Methyl Iodide	2.41	142	63647	40.294	ug/l	99
11) Tert butyl alcohol	2.83	59	95237	237.860	ug/l	99
12) 1,1-Dichloroethene	2.28	96	54699	45.630	ug/l	97
13) Acrolein	2.19	56	51074	236.632	ug/l	100
14) Allyl chloride	2.59	41	129109	53.102	ug/l	97
15) Acrylonitrile	2.93	53	250906	248.634	ug/l	99
16) Acetone	2.32	43	262873	285.662	ug/l	100
17) Carbon Disulfide	2.48	76	177331	45.410	ug/l	100
18) Methyl Acetate	2.61	43	125277	50.386	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	228685	51.914	ug/l	100
20) Methylene Chloride	2.70	84	71303	45.577	ug/l	97
21) trans-1,2-Dichloroethene	2.98	96	61665	48.181	ug/l	99
22) Diisopropyl ether	3.57	45	282826	54.385	ug/l	97
23) Vinyl Acetate	3.52	43	1212290	273.473	ug/l	98
24) 1,1-Dichloroethane	3.44	63	141421	49.376	ug/l	99
25) 2-Butanone	4.26	43	376760	256.643	ug/l	99
26) 2,2-Dichloropropane	4.23	77	112675	50.443	ug/l	100
27) cis-1,2-Dichloroethene	4.23	96	72466	50.136	ug/l	97
28) Bromochloromethane	4.55	49	78867	57.122	ug/l	94
29) Tetrahydrofuran	4.64	42	228017	256.758	ug/l	97
30) Chloroform	4.67	83	127706	48.034	ug/l	98
31) Cyclohexane	5.00	56	132696	50.978	ug/l	99
32) 1,1,1-Trichloroethane	4.92	97	105422	49.664	ug/l	99
36) 1,1-Dichloropropene	5.13	75	97860	49.686	ug/l	98
37) Ethyl Acetate	4.38	43	131180	49.200	ug/l	99
38) Carbon Tetrachloride	5.13	117	89800	47.911	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	114610	53.547	ug/l	98
40) Benzene	5.39	78	286465	47.845	ug/l	99
41) Methacrylonitrile	4.54	41	73921	53.384	ug/l	98
42) 1,2-Dichloroethane	5.41	62	110988	49.063	ug/l	100
43) Isopropyl Acetate	5.55	43	203433	52.318	ug/l	99
44) Trichloroethene	6.19	130	61375	48.150	ug/l	98
45) 1,2-Dichloropropane	6.43	63	85910	50.357	ug/l	99
46) Dibromomethane	6.56	93	49875	48.406	ug/l	97
47) Bromodichloromethane	6.76	83	101216	48.582	ug/l	97
48) Methyl methacrylate	6.62	41	104225	49.262	ug/l	99
49) 1,4-Dioxane	6.61	88	38939	926.317	ug/l	97
51) 4-Methyl-2-Pentanone	7.46	43	689046	263.478	ug/l	100
52) Toluene	7.64	92	174243	50.770	ug/l	98
53) t-1,3-Dichloropropene	7.88	75	118207	52.807	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	128754	52.313	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	71026	48.841	ug/l	99
56) Ethyl methacrylate	8.02	69	121600	48.272	ug/l	98
57) 1,3-Dichloropropane	8.24	76	135718	50.178	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	351316	245.427	ug/l	99
59) 2-Hexanone	8.36	43	536139	261.899	ug/l	99
60) Dibromochloromethane	8.48	129	71260	49.957	ug/l	100
61) 1,2-Dibromoethane	8.59	107	73373	48.493	ug/l	99
64) Tetrachloroethene	8.23	164	52096	47.577	ug/l	98
65) Chlorobenzene	9.12	112	179172	47.554	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	64434	49.650	ug/l	100
67) Ethyl Benzene	9.25	91	329549	53.190	ug/l	99
68) m/p-Xylenes	9.38	106	245905	98.032	ug/l	98
69) o-Xylene	9.78	106	118154	53.823	ug/l	98
70) Styrene	9.79	104	196528	48.022	ug/l	99
71) Bromoform	9.96	173	50711	50.531	ug/l #	98
73) Isopropylbenzene	10.17	105	323453	54.078	ug/l	99
74) N-amyl acetate	10.01	43	188942	54.573	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	127678	46.428	ug/l	98
76) 1,2,3-Trichloropropane	10.49	75	108136m	45.269	ug/l	
77) Bromobenzene	10.45	156	72125	49.346	ug/l	96
78) n-propylbenzene	10.59	91	393015	55.533	ug/l	100
79) 2-Chlorotoluene	10.66	91	231055	51.977	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	270815	54.850	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	36167m	48.453	ug/l	
82) 4-Chlorotoluene	10.77	91	266313	53.428	ug/l	99
83) tert-Butylbenzene	11.10	119	256981	52.645	ug/l	98
84) 1,2,4-Trimethylbenzene	11.15	105	278425	55.411	ug/l	98
85) sec-Butylbenzene	11.32	105	327881	55.026	ug/l	100
86) p-Isopropyltoluene	11.48	119	279331	49.960	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	133608	49.122	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	133646	45.084	ug/l	99
89) n-Butylbenzene	11.89	91	260778	48.204	ug/l	99
90) Hexachloroethane	12.15	117	52552	48.499	ug/l	98
91) 1,2-Dichlorobenzene	11.88	146	135203	46.796	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	27431	48.896	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	85688	51.466	ug/l	100
94) Hexachlorobutadiene	13.69	225	42156	47.853	ug/l	99
95) Naphthalene	13.74	128	303228	46.696	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	89658	50.215	ug/l	99

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

