

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U111318\
 Data File : VU028081.D
 Acq On : 13 Nov 2018 10:37
 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
 11/14/2018 9:34:15 AM

Quant Time: Nov 14 07:10:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 02 02:28:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	164206	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	278100	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	258754	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	133103	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	134623	55.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.28%	
35) Dibromofluoromethane	4.88	113	99354	56.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.32%	
50) Toluene-d8	7.57	98	381210	56.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.56%	
62) 4-Bromofluorobenzene	10.31	95	144140	57.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	87319	41.849	ug/l	96
3) Chloromethane	1.33	50	129445	51.297	ug/l	99
4) Vinyl Chloride	1.40	62	125085	49.943	ug/l	98
5) Bromomethane	1.60	94	70121	64.394	ug/l	98
6) Chloroethane	1.68	64	76309	52.870	ug/l	98
7) Trichlorofluoromethane	1.88	101	152128	52.564	ug/l	96
8) Diethyl Ether	2.10	74	66728	53.847	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.28	101	94489	54.959	ug/l	99
10) Methyl Iodide	2.41	142	95997	59.121	ug/l	99
11) Tert butyl alcohol	2.83	59	169091	261.628	ug/l	100
12) 1,1-Dichloroethene	2.28	96	86699	50.378	ug/l	98
13) Acrolein	2.19	56	67193	283.548	ug/l	98
14) Allyl chloride	2.59	41	213042	50.650	ug/l	99
15) Acrylonitrile	2.93	53	428909	270.164	ug/l	99
16) Acetone	2.32	43	426882	281.827	ug/l	99
17) Carbon Disulfide	2.48	76	272404	48.426	ug/l	100
18) Methyl Acetate	2.61	43	228861	54.926	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	370860	53.437	ug/l	99
20) Methylene Chloride	2.70	84	116080	52.488	ug/l	97
21) trans-1,2-Dichloroethene	2.98	96	98987	49.841	ug/l	97
22) Diisopropyl ether	3.57	45	465182	53.570	ug/l	99
23) Vinyl Acetate	3.52	43	2030247	272.042	ug/l	100
24) 1,1-Dichloroethane	3.44	63	227494	52.596	ug/l	98
25) 2-Butanone	4.26	43	663277	275.249	ug/l	100
26) 2,2-Dichloropropane	4.22	77	178871	55.106	ug/l	99
27) cis-1,2-Dichloroethene	4.22	96	118336	53.133	ug/l	97
28) Bromochloromethane	4.55	49	119771	59.067	ug/l	97
29) Tetrahydrofuran	4.64	42	411648	255.828	ug/l	100
30) Chloroform	4.67	83	207672	52.364	ug/l	99
31) Cyclohexane	4.99	56	218769	51.595	ug/l	98
32) 1,1,1-Trichloroethane	4.92	97	168561	53.394	ug/l	98
36) 1,1-Dichloropropene	5.13	75	156152	53.612	ug/l	99
37) Ethyl Acetate	4.38	43	229833	53.854	ug/l	99
38) Carbon Tetrachloride	5.13	117	140081	54.270	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.41	83	191907	54.628	ug/l	98
40) Benzene	5.39	78	479757	53.875	ug/l	99
41) Methacrylonitrile	4.54	41	130106	57.126	ug/l	99
42) 1,2-Dichloroethane	5.40	62	170943	54.005	ug/l	99
43) Isopropyl Acetate	5.55	43	369808	55.309	ug/l	99
44) Trichloroethene	6.19	130	105200	54.959	ug/l	95
45) 1,2-Dichloropropane	6.43	63	140692	54.783	ug/l	100
46) Dibromomethane	6.56	93	82875	56.141	ug/l	94
47) Bromodichloromethane	6.76	83	163869	57.603	ug/l	100
48) Methyl methacrylate	6.62	41	185612	56.649	ug/l	99
49) 1,4-Dioxane	6.61	88	64794	1212.093	ug/l	98
51) 4-Methyl-2-Pentanone	7.46	43	1231253	275.742	ug/l	99
52) Toluene	7.64	92	282001	53.866	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	192036	54.335	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	205954	58.727	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	118757	55.757	ug/l	98
56) Ethyl methacrylate	8.02	69	213513	56.844	ug/l	99
57) 1,3-Dichloropropane	8.24	76	216745	55.864	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	561771	279.256	ug/l	99
59) 2-Hexanone	8.36	43	982428	284.468	ug/l	100
60) Dibromochloromethane	8.48	129	117087	58.093	ug/l	97
61) 1,2-Dibromoethane	8.58	107	122803	54.261	ug/l	98
64) Tetrachloroethene	8.23	164	92756	55.283	ug/l	98
65) Chlorobenzene	9.12	112	296241	54.189	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	105365	56.427	ug/l	99
67) Ethyl Benzene	9.25	91	561082	55.759	ug/l	100
68) m/p-Xylenes	9.38	106	408275	111.822	ug/l	99
69) o-Xylene	9.78	106	199348	54.070	ug/l	97
70) Styrene	9.79	104	333120	56.548	ug/l	99
71) Bromoform	9.96	173	91267	58.321	ug/l #	99
73) Isopropylbenzene	10.17	105	542619	52.623	ug/l	100
74) N-amyl acetate	10.01	43	346669	55.600	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	219585	52.794	ug/l	99
76) 1,2,3-Trichloropropane	10.49	75	187008m	51.365	ug/l	
77) Bromobenzene	10.45	156	126162	53.359	ug/l	98
78) n-propylbenzene	10.59	91	674634	54.659	ug/l	99
79) 2-Chlorotoluene	10.66	91	391723	52.948	ug/l	98
80) 1,3,5-Trimethylbenzene	10.77	105	459123	53.750	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	78335m	53.702	ug/l	
82) 4-Chlorotoluene	10.77	91	449292	53.493	ug/l	99
83) tert-Butylbenzene	11.10	119	442537	51.823	ug/l	97
84) 1,2,4-Trimethylbenzene	11.15	105	474745	55.195	ug/l	98
85) sec-Butylbenzene	11.32	105	571729	55.052	ug/l	99
86) p-Isopropyltoluene	11.48	119	477074	54.951	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	233966	53.567	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	230278	51.438	ug/l	99
89) n-Butylbenzene	11.89	91	465652	56.436	ug/l	100
90) Hexachloroethane	12.15	117	87079	56.337	ug/l	97
91) 1,2-Dichlorobenzene	11.88	146	237440	54.058	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	50011	57.063	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	150928	49.010	ug/l	100
94) Hexachlorobutadiene	13.69	225	77824	55.749	ug/l	98
95) Naphthalene	13.74	128	539531	49.414	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	157562	53.459	ug/l	99

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

