

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U112918\
 Data File : VU028380.D
 Acq On : 29 Nov 2018 09:20
 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
 11/30/2018 11:25:35 AM

Quant Time: Nov 30 07:12:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U112818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 29 01:04:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	256443	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	443433	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	415139	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	202971	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	206527	48.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.38%	
35) Dibromofluoromethane	4.88	113	144989	49.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.34%	
50) Toluene-d8	7.56	98	574704	48.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.46%	
62) 4-Bromofluorobenzene	10.31	95	215183	50.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	174533	50.735	ug/l	99
3) Chloromethane	1.33	50	308500	46.265	ug/l	98
4) Vinyl Chloride	1.40	62	226375	48.522	ug/l	100
5) Bromomethane	1.60	94	97559	54.067	ug/l	99
6) Chloroethane	1.68	64	129253	48.147	ug/l	94
7) Trichlorofluoromethane	1.88	101	240330	49.593	ug/l	99
8) Diethyl Ether	2.10	74	106020	47.062	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.28	101	142538	50.491	ug/l	99
10) Methyl Iodide	2.40	142	144519	54.287	ug/l	98
11) Tert butyl alcohol	2.83	59	239652	246.136	ug/l	98
12) 1,1-Dichloroethene	2.28	96	135570	49.485	ug/l	97
13) Acrolein	2.19	56	197351	227.994	ug/l	99
14) Allyl chloride	2.59	41	340772	47.609	ug/l	99
15) Acrylonitrile	2.93	53	638107	247.759	ug/l	100
16) Acetone	2.32	43	657439	250.765	ug/l	99
17) Carbon Disulfide	2.47	76	487633	46.373	ug/l	99
18) Methyl Acetate	2.61	43	357912	49.032	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	554361	49.357	ug/l	99
20) Methylene Chloride	2.70	84	180830	48.900	ug/l	96
21) trans-1,2-Dichloroethene	2.98	96	157773	49.658	ug/l	98
22) Diisopropyl ether	3.57	45	704459	49.990	ug/l	98
23) Vinyl Acetate	3.52	43	2937350	250.767	ug/l	100
24) 1,1-Dichloroethane	3.44	63	350212	50.406	ug/l	99
25) 2-Butanone	4.26	43	941636	250.611	ug/l	99
26) 2,2-Dichloropropane	4.22	77	279590	50.670	ug/l	100
27) cis-1,2-Dichloroethene	4.22	96	183262	48.772	ug/l	99
28) Bromochloromethane	4.55	49	174811	50.319	ug/l	99
29) Tetrahydrofuran	4.63	42	598508	245.338	ug/l	99
30) Chloroform	4.67	83	309543	48.268	ug/l	97
31) Cyclohexane	4.99	56	346063	48.509	ug/l	99
32) 1,1,1-Trichloroethane	4.91	97	254669	49.489	ug/l	100
36) 1,1-Dichloropropene	5.13	75	241573	49.784	ug/l	99
37) Ethyl Acetate	4.37	43	338050	51.121	ug/l	100
38) Carbon Tetrachloride	5.13	117	202875	50.913	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.41	83	302265	52.834	ug/l	97
40) Benzene	5.39	78	738738	51.402	ug/l	98
41) Methacrylonitrile	4.54	41	189824	51.690	ug/l	98
42) 1,2-Dichloroethane	5.40	62	260393	50.294	ug/l	98
43) Isopropyl Acetate	5.54	43	539820	51.515	ug/l	99
44) Trichloroethene	6.18	130	157530	51.136	ug/l	96
45) 1,2-Dichloropropane	6.43	63	214185	50.892	ug/l	99
46) Dibromomethane	6.56	93	123420	51.054	ug/l	99
47) Bromodichloromethane	6.75	83	241506	50.226	ug/l	97
48) Methyl methacrylate	6.62	41	277639	50.864	ug/l	99
49) 1,4-Dioxane	6.61	88	98361	1127.988	ug/l	97
51) 4-Methyl-2-Pentanone	7.46	43	1690422	252.576	ug/l	99
52) Toluene	7.64	92	427369	51.640	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	293600	51.063	ug/l	97
54) cis-1,3-Dichloropropene	7.27	75	312369	50.711	ug/l	99
55) 1,1,2-Trichloroethane	8.06	97	170430	49.482	ug/l	98
56) Ethyl methacrylate	8.02	69	308448	52.640	ug/l	98
57) 1,3-Dichloropropane	8.24	76	321895	50.962	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	809284	257.249	ug/l	100
59) 2-Hexanone	8.36	43	1368121	263.902	ug/l	100
60) Dibromochloromethane	8.48	129	168041	51.298	ug/l	99
61) 1,2-Dibromoethane	8.58	107	182938	51.858	ug/l	97
64) Tetrachloroethene	8.22	164	137424	50.324	ug/l	96
65) Chlorobenzene	9.12	112	448672	52.050	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.21	131	151015	51.110	ug/l	98
67) Ethyl Benzene	9.25	91	841070	51.805	ug/l	99
68) m/p-Xylenes	9.37	106	607784	104.008	ug/l	99
69) o-Xylene	9.78	106	297002	51.127	ug/l	100
70) Styrene	9.79	104	497629	53.116	ug/l	100
71) Bromoform	9.96	173	127606	51.381	ug/l #	99
73) Isopropylbenzene	10.16	105	804317	50.951	ug/l	99
74) N-amyl acetate	10.01	43	496922	50.242	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	321160	49.473	ug/l	99
76) 1,2,3-Trichloropropane	10.49	75	283093m	50.296	ug/l	
77) Bromobenzene	10.45	156	184777	49.676	ug/l	98
78) n-propylbenzene	10.58	91	998814	51.289	ug/l	100
79) 2-Chlorotoluene	10.66	91	589848	51.380	ug/l	100
80) 1,3,5-Trimethylbenzene	10.77	105	682843	51.330	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	104767m	49.409	ug/l	
82) 4-Chlorotoluene	10.77	91	671025	50.732	ug/l	100
83) tert-Butylbenzene	11.10	119	653246	52.677	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	696591	51.698	ug/l	100
85) sec-Butylbenzene	11.32	105	828313	51.426	ug/l	100
86) p-Isopropyltoluene	11.48	119	700677	52.905	ug/l	99
87) 1,3-Dichlorobenzene	11.41	146	340833	50.239	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	343414	50.297	ug/l	98
89) n-Butylbenzene	11.89	91	705421	53.969	ug/l	99
90) Hexachloroethane	12.14	117	109015	52.724	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	347708	51.369	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.66	75	71450	49.482	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	231180	52.178	ug/l	100
94) Hexachlorobutadiene	13.69	225	112164	53.613	ug/l	98
95) Naphthalene	13.74	128	810170	47.572	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	237188	52.932	ug/l	99

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

