

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062018\
 Data File : VU024773.D
 Acq On : 20 Jun 2018 21:35
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 6/21/2018 1:44:51 PM

Quant Time: Jun 21 08:22:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	181417	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	279229	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	268580	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	164115	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	129315	43.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.32%	
35) Dibromofluoromethane	4.89	113	104611	45.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.28%	
50) Toluene-d8	7.57	98	380394	45.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.00%	
62) 4-Bromofluorobenzene	10.31	95	153169	45.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.28%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	102116	44.97	ug/l	100
3) Chloromethane	1.33	50	107312	46.26	ug/l	99
4) Vinyl Chloride	1.40	62	114114	47.70	ug/l	100
5) Bromomethane	1.62	94	66391	57.40	ug/l	97
6) Chloroethane	1.69	64	73385	55.00	ug/l	99
7) Trichlorofluoromethane	1.89	101	177737	48.68	ug/l	100
8) Diethyl Ether	2.10	74	67937	54.86	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.29	101	100010	44.15	ug/l	96
10) Methyl Iodide	2.41	142	87454	46.08	ug/l	99
11) Tert butyl alcohol	2.82	59	147357	204.58	ug/l	100
12) 1,1-Dichloroethene	2.28	96	93924	45.47	ug/l	92
13) Acrolein	2.19	56	75293	199.06	ug/l	99
14) Allyl chloride	2.59	41	163472	42.62	ug/l	95
15) Acrylonitrile	2.93	53	334804	238.90	ug/l	99
16) Acetone	2.32	43	302577	190.14	ug/l	97
17) Carbon Disulfide	2.48	76	283416	42.85	ug/l	99
18) Methyl Acetate	2.62	43	174841	51.25	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	368559	47.46	ug/l	98
20) Methylene Chloride	2.70	84	114418	45.82	ug/l	98
21) trans-1,2-Dichloroethene	2.99	96	103254	45.38	ug/l	97
22) Diisopropyl ether	3.57	45	367913	48.39	ug/l	98
23) Vinyl Acetate	3.53	43	1626340	238.78	ug/l	99
24) 1,1-Dichloroethane	3.45	63	204808	46.83	ug/l	100
25) 2-Butanone	4.26	43	493381	230.82	ug/l	97
26) 2,2-Dichloropropane	4.23	77	166614	40.12	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	123767	47.32	ug/l	98
28) Bromochloromethane	4.55	49	83574	43.38	ug/l	89
29) Tetrahydrofuran	4.64	42	314744	237.78	ug/l	96
30) Chloroform	4.68	83	215979	48.79	ug/l	98
31) Cyclohexane	5.00	56	188876	48.57	ug/l	98
32) 1,1,1-Trichloroethane	4.92	97	195392	47.73	ug/l	96
36) 1,1-Dichloropropene	5.14	75	153572	46.80	ug/l	96
37) Ethyl Acetate	4.38	43	183497	51.31	ug/l #	96
38) Carbon Tetrachloride	5.14	117	176412	48.89	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	190763	46.59	ug/l	95
40) Benzene	5.39	78	463482	49.57	ug/l	99
41) Methacrylonitrile	4.54	41	101933	52.87	ug/l	97
42) 1,2-Dichloroethane	5.41	62	181954	51.10	ug/l	99
43) Isopropyl Acetate	5.55	43	296542	47.97	ug/l	98
44) Trichloroethene	6.19	130	125008	46.98	ug/l	98
45) 1,2-Dichloropropane	6.44	63	125253	50.21	ug/l	96
46) Dibromomethane	6.56	93	89216	50.91	ug/l	96
47) Bromodichloromethane	6.76	83	173226	49.64	ug/l	99
48) Methyl methacrylate	6.63	41	149855	49.78	ug/l	99
49) 1,4-Dioxane	6.61	88	59615	1012.72	ug/l	96
51) 4-Methyl-2-Pentanone	7.46	43	975918	251.29	ug/l	98
52) Toluene	7.64	92	299892	49.86	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	189100	48.26	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	196547	47.07	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	123992	50.71	ug/l	99
56) Ethyl methacrylate	8.02	69	204369	49.94	ug/l	99
57) 1,3-Dichloropropane	8.25	76	208161	50.47	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	354957	226.40	ug/l	95
59) 2-Hexanone	8.36	43	774523	244.28	ug/l	99
60) Dibromochloromethane	8.48	129	145051	47.57	ug/l	100
61) 1,2-Dibromoethane	8.59	107	137606	50.56	ug/l	98
64) Tetrachloroethene	8.23	164	116419	45.60	ug/l	99
65) Chlorobenzene	9.12	112	340459	49.62	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.21	131	129883	49.83	ug/l	98
67) Ethyl Benzene	9.25	91	590389	49.08	ug/l	98
68) m/p-Xylenes	9.38	106	458340	99.23	ug/l	97
69) o-Xylene	9.78	106	228271	49.94	ug/l	97
70) Styrene	9.80	104	379979	50.58	ug/l	99
71) Bromoform	9.96	173	118314	47.75	ug/l #	100
73) Isopropylbenzene	10.17	105	617024	48.97	ug/l	99
74) N-amyl acetate	10.01	43	292349	48.78	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	212050	50.22	ug/l	100
76) 1,2,3-Trichloropropane	10.50	75	187389m	51.86	ug/l	
77) Bromobenzene	10.45	156	158219	49.60	ug/l	95
78) n-propylbenzene	10.59	91	702701	47.34	ug/l	97
79) 2-Chlorotoluene	10.66	91	423833	48.42	ug/l	98
80) 1,3,5-Trimethylbenzene	10.78	105	534829	48.97	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	62001m	39.71	ug/l	
82) 4-Chlorotoluene	10.78	91	490485	48.14	ug/l	98
83) tert-Butylbenzene	11.10	119	531589	50.60	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	548848	49.31	ug/l	100
85) sec-Butylbenzene	11.33	105	645734	49.11	ug/l	98
86) p-Isopropyltoluene	11.48	119	573962	48.74	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	292560	49.64	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	295931	49.89	ug/l	99
89) n-Butylbenzene	11.89	91	490695	46.93	ug/l	97
90) Hexachloroethane	12.15	117	102803	44.75	ug/l	97
91) 1,2-Dichlorobenzene	11.88	146	299273	50.70	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	57724	49.55	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	206478	56.64	ug/l	99
94) Hexachlorobutadiene	13.70	225	103897	50.64	ug/l	98
95) Naphthalene	13.74	128	679889	56.25	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	214698	59.11	ug/l	99

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

