

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U062018\
 Data File : VU024775.D
 Acq On : 20 Jun 2018 22:47
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 6/21/2018 1:44:55 PM

Quant Time: Jun 21 08:33:39 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	179022	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	275226	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	270021	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	164244	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	124268	42.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.04%	
35) Dibromofluoromethane	4.89	113	101056	44.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.48%	
50) Toluene-d8	7.57	98	368562	44.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.48%	
62) 4-Bromofluorobenzene	10.31	95	149834	45.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.58%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.20	85	97544	43.53	ug/l	99
3) Chloromethane	1.33	50	108104	47.22	ug/l	98
4) Vinyl Chloride	1.40	62	111391	47.18	ug/l	99
5) Bromomethane	1.62	94	69274	60.70	ug/l	99
6) Chloroethane	1.69	64	72540	55.09	ug/l	99
7) Trichlorofluoromethane	1.89	101	174501	48.43	ug/l	99
8) Diethyl Ether	2.10	74	65629	53.66	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.29	101	98558	44.09	ug/l	97
10) Methyl Iodide	2.41	142	89722	47.70	ug/l	98
11) Tert butyl alcohol	2.82	59	150764	212.11	ug/l	99
12) 1,1-Dichloroethene	2.28	96	92969	45.61	ug/l	93
13) Acrolein	2.19	56	89445	239.63	ug/l	100
14) Allyl chloride	2.59	41	159113	42.04	ug/l	94
15) Acrylonitrile	2.93	53	338062	244.45	ug/l	99
16) Acetone	2.32	43	305332	194.44	ug/l	95
17) Carbon Disulfide	2.48	76	276911	42.42	ug/l	99
18) Methyl Acetate	2.61	43	177532	52.74	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	355205	46.36	ug/l	97
20) Methylene Chloride	2.70	84	113111	45.91	ug/l	96
21) trans-1,2-Dichloroethene	2.99	96	102486	45.65	ug/l	94
22) Diisopropyl ether	3.57	45	358194	47.74	ug/l	97
23) Vinyl Acetate	3.53	43	1579399	235.00	ug/l	100
24) 1,1-Dichloroethane	3.45	63	201224	46.62	ug/l	99
25) 2-Butanone	4.26	43	497417	235.83	ug/l	97
26) 2,2-Dichloropropane	4.23	77	157949	38.54	ug/l	98
27) cis-1,2-Dichloroethene	4.23	96	120909	46.84	ug/l	98
28) Bromochloromethane	4.55	49	83172	43.75	ug/l	85
29) Tetrahydrofuran	4.64	42	315894	241.84	ug/l	97
30) Chloroform	4.68	83	208454	47.72	ug/l	98
31) Cyclohexane	5.00	56	185340	48.29	ug/l	97
32) 1,1,1-Trichloroethane	4.92	97	186626	46.20	ug/l	96
36) 1,1-Dichloropropene	5.14	75	148630	45.96	ug/l	97
37) Ethyl Acetate	4.38	43	184450	52.33	ug/l	97
38) Carbon Tetrachloride	5.14	117	169817	47.75	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	186385	46.18	ug/l	96
40) Benzene	5.39	78	451383	48.98	ug/l	98
41) Methacrylonitrile	4.54	41	99694	52.46	ug/l	98
42) 1,2-Dichloroethane	5.41	62	172229	49.07	ug/l	100
43) Isopropyl Acetate	5.55	43	294597	48.35	ug/l	99
44) Trichloroethene	6.19	130	124117	47.32	ug/l	94
45) 1,2-Dichloropropane	6.44	63	123911	50.39	ug/l	97
46) Dibromomethane	6.56	93	85650	49.59	ug/l	94
47) Bromodichloromethane	6.76	83	167031	48.57	ug/l #	98
48) Methyl methacrylate	6.62	41	148291	49.98	ug/l	99
49) 1,4-Dioxane	6.61	88	64237	1107.11	ug/l	96
51) 4-Methyl-2-Pentanone	7.46	43	977947	255.47	ug/l	99
52) Toluene	7.64	92	295886	49.91	ug/l	98
53) t-1,3-Dichloropropene	7.88	75	186357	48.25	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	191846	46.61	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	121649	50.48	ug/l	99
56) Ethyl methacrylate	8.02	69	203792	50.52	ug/l	98
57) 1,3-Dichloropropane	8.25	76	208501	51.29	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	412722	267.07	ug/l	96
59) 2-Hexanone	8.36	43	780794	249.84	ug/l	100
60) Dibromochloromethane	8.48	129	143461	47.74	ug/l	99
61) 1,2-Dibromoethane	8.59	107	135628	50.56	ug/l	99
64) Tetrachloroethene	8.23	164	117365	45.73	ug/l	99
65) Chlorobenzene	9.12	112	339060	49.15	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	127350	48.59	ug/l	97
67) Ethyl Benzene	9.25	91	582343	48.16	ug/l	97
68) m/p-Xylenes	9.38	106	457436	98.51	ug/l	96
69) o-Xylene	9.78	106	227643	49.53	ug/l	96
70) Styrene	9.80	104	372294	49.30	ug/l	99
71) Bromoform	9.96	173	116275	46.68	ug/l #	99
73) Isopropylbenzene	10.17	105	611874	48.52	ug/l	99
74) N-amyl acetate	10.01	43	288618	48.12	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	210911	49.91	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	180506m	49.92	ug/l	
77) Bromobenzene	10.45	156	158371	49.61	ug/l	94
78) n-propylbenzene	10.59	91	699432	47.09	ug/l	97
79) 2-Chlorotoluene	10.66	91	418767	47.81	ug/l	98
80) 1,3,5-Trimethylbenzene	10.78	105	533008	48.77	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	65173m	41.71	ug/l	
82) 4-Chlorotoluene	10.78	91	486709	47.74	ug/l	98
83) tert-Butylbenzene	11.10	119	532741	50.67	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	546321	49.05	ug/l	100
85) sec-Butylbenzene	11.33	105	645604	49.06	ug/l	98
86) p-Isopropyltoluene	11.48	119	569612	48.33	ug/l	98
87) 1,3-Dichlorobenzene	11.42	146	289959	49.16	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	293579	49.45	ug/l	99
89) n-Butylbenzene	11.89	91	483488	46.20	ug/l	98
90) Hexachloroethane	12.15	117	104096	45.27	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	302612	51.22	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	56589	48.53	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	199514	54.69	ug/l	99
94) Hexachlorobutadiene	13.70	225	100938	49.16	ug/l	99
95) Naphthalene	13.74	128	672415	55.60	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	209503	57.63	ug/l	100

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

