

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062318\
 Data File : VU024839.D
 Acq On : 22 Jun 2018 17:22
 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

apatel
 6/26/2018 11:59:36 AM

Quant Time: Jun 23 03:12:42 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	180799	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	265811	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	254044	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	158936	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	118251	40.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.12%	
35) Dibromofluoromethane	4.89	113	95015	43.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.14%	
50) Toluene-d8	7.57	98	341365	42.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.84%	
62) 4-Bromofluorobenzene	10.31	95	139140	43.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	97349	43.02	ug/l	99
3) Chloromethane	1.33	50	102043	44.14	ug/l	100
4) Vinyl Chloride	1.40	62	107373	45.03	ug/l	98
5) Bromomethane	1.62	94	72990	63.32	ug/l	98
6) Chloroethane	1.69	64	68744	51.63	ug/l	99
7) Trichlorofluoromethane	1.89	101	180874	49.71	ug/l	100
8) Diethyl Ether	2.10	74	68695	55.69	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	2.29	101	106267	47.07	ug/l	97
10) Methyl Iodide	2.41	142	97512	50.93	ug/l	98
11) Tert butyl alcohol	2.83	59	153747	214.18	ug/l	100
12) 1,1-Dichloroethene	2.28	96	94351	45.83	ug/l	93
13) Acrolein	2.19	56	71680	190.15	ug/l	99
14) Allyl chloride	2.59	41	188854	49.41	ug/l	91
15) Acrylonitrile	2.94	53	332674	238.19	ug/l	99
16) Acetone	2.32	43	364204	229.65	ug/l	100
17) Carbon Disulfide	2.48	76	272891	41.40	ug/l	99
18) Methyl Acetate	2.62	43	175505	51.62	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	378711	48.94	ug/l	98
20) Methylene Chloride	2.70	84	114387	45.97	ug/l	96
21) trans-1,2-Dichloroethene	2.99	96	106271	46.87	ug/l	99
22) Diisopropyl ether	3.57	45	372899	49.21	ug/l	98
23) Vinyl Acetate	3.53	43	1629325	240.04	ug/l	99
24) 1,1-Dichloroethane	3.45	63	210751	48.35	ug/l	98
25) 2-Butanone	4.26	43	519307	243.78	ug/l	96
26) 2,2-Dichloropropane	4.23	77	199376	48.17	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	127305	48.84	ug/l	99
28) Bromochloromethane	4.55	49	81171	42.28	ug/l	88
29) Tetrahydrofuran	4.63	42	304783	231.04	ug/l	97
30) Chloroform	4.68	83	222966	50.54	ug/l	100
31) Cyclohexane	5.00	56	193943	50.11	ug/l	94
32) 1,1,1-Trichloroethane	4.92	97	199353	48.86	ug/l	96
36) 1,1-Dichloropropene	5.14	75	158608	50.78	ug/l	97
37) Ethyl Acetate	4.38	43	182509	53.61	ug/l	98
38) Carbon Tetrachloride	5.14	117	181815	52.93	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	205671	52.77	ug/l	95
40) Benzene	5.39	78	473025	53.15	ug/l	100
41) Methacrylonitrile	4.54	41	99901	54.43	ug/l	97
42) 1,2-Dichloroethane	5.41	62	188153	55.51	ug/l	100
43) Isopropyl Acetate	5.55	43	294513	50.05	ug/l	98
44) Trichloroethene	6.19	130	129718	51.21	ug/l	98
45) 1,2-Dichloropropane	6.44	63	127110	53.52	ug/l	99
46) Dibromomethane	6.56	93	87831	52.65	ug/l	93
47) Bromodichloromethane	6.76	83	173670	52.28	ug/l	100
48) Methyl methacrylate	6.63	41	150947	52.68	ug/l	98
49) 1,4-Dioxane	6.62	88	70096	1250.87	ug/l	95
51) 4-Methyl-2-Pentanone	7.46	43	937643	253.62	ug/l	98
52) Toluene	7.64	92	303230	52.96	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	196204	52.60	ug/l	97
54) cis-1,3-Dichloropropene	7.27	75	204976	51.57	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	126142	54.19	ug/l	97
56) Ethyl methacrylate	8.02	69	201595	51.75	ug/l	98
57) 1,3-Dichloropropane	8.25	76	212509	54.12	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.13	63	300376	201.26	ug/l	95
59) 2-Hexanone	8.36	43	767595	254.32	ug/l	99
60) Dibromochloromethane	8.48	129	148003	50.99	ug/l	99
61) 1,2-Dibromoethane	8.59	107	136632	52.74	ug/l	97
64) Tetrachloroethene	8.23	164	121202	50.19	ug/l	98
65) Chlorobenzene	9.12	112	348287	53.67	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	130707	53.01	ug/l	98
67) Ethyl Benzene	9.25	91	605892	53.25	ug/l	97
68) m/p-Xylenes	9.38	106	476153	108.99	ug/l	97
69) o-Xylene	9.78	106	233066	53.90	ug/l	96
70) Styrene	9.80	104	375725	52.88	ug/l	99
71) Bromoform	9.96	173	116329	49.64	ug/l #	99
73) Isopropylbenzene	10.17	105	634480	52.00	ug/l	99
74) N-amyl acetate	10.01	43	279392	48.14	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	206990	50.62	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	189063m	54.03	ug/l	
77) Bromobenzene	10.45	156	159709	51.70	ug/l	94
78) n-propylbenzene	10.59	91	735579	51.17	ug/l	97
79) 2-Chlorotoluene	10.66	91	430709	50.81	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	556442	52.61	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	70665m	46.74	ug/l	
82) 4-Chlorotoluene	10.78	91	509090	51.60	ug/l	99
83) tert-Butylbenzene	11.10	119	546599	53.73	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	569121	52.80	ug/l	100
85) sec-Butylbenzene	11.33	105	671338	52.72	ug/l	97
86) p-Isopropyltoluene	11.48	119	602752	52.85	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	300542	52.66	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	305570	53.19	ug/l	99
89) n-Butylbenzene	11.89	91	524812	51.83	ug/l	97
90) Hexachloroethane	12.15	117	105982	47.63	ug/l	97
91) 1,2-Dichlorobenzene	11.88	146	311291	54.45	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	57090	50.60	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	219076	62.06	ug/l	99
94) Hexachlorobutadiene	13.70	225	110643	55.68	ug/l	99
95) Naphthalene	13.74	128	706262	60.29	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	228120	64.85	ug/l	99

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

