

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101018\
 Data File : VU027553.D
 Acq On : 10 Oct 2018 03:45
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/11/2018 9:01:44 AM

Quant Time: Oct 11 04:33:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 02:04:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	125717	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	217432	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	200075	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	100196	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	98681	47.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.02%	
35) Dibromofluoromethane	4.88	113	73411	49.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.52%	
50) Toluene-d8	7.57	98	277472	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	
62) 4-Bromofluorobenzene	10.31	95	102849	49.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	85068	46.935	ug/l	99
3) Chloromethane	1.33	50	106525	43.412	ug/l	98
4) Vinyl Chloride	1.40	62	107335	46.532	ug/l	98
5) Bromomethane	1.62	94	64116	64.238	ug/l	99
6) Chloroethane	1.69	64	61836	44.612	ug/l	97
7) Trichlorofluoromethane	1.88	101	114043	48.727	ug/l	97
8) Diethyl Ether	2.11	74	51044	47.345	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.29	101	65360	48.087	ug/l	98
10) Methyl Iodide	2.41	142	57512	48.628	ug/l	98
11) Tert butyl alcohol	2.83	59	109829	248.443	ug/l	98
12) 1,1-Dichloroethene	2.28	96	62208	46.845	ug/l	98
13) Acrolein	2.20	56	41698	112.411	ug/l	99
14) Allyl chloride	2.59	41	140470	44.545	ug/l	99
15) Acrylonitrile	2.94	53	292669	254.365	ug/l	99
16) Acetone	2.32	43	240926	194.270	ug/l	98
17) Carbon Disulfide	2.48	76	191226	39.927	ug/l	100
18) Methyl Acetate	2.62	43	156430	55.293	ug/l	100
19) Methyl tert-butyl Ether	3.00	73	267365	50.248	ug/l	98
20) Methylene Chloride	2.70	84	82013	47.476	ug/l	95
21) trans-1,2-Dichloroethene	2.98	96	70048	46.984	ug/l	99
22) Diisopropyl ether	3.58	45	315923	49.291	ug/l	99
23) Vinyl Acetate	3.53	43	1337813	239.008	ug/l	99
24) 1,1-Dichloroethane	3.45	63	160375	48.673	ug/l	99
25) 2-Butanone	4.26	43	410182	242.546	ug/l	99
26) 2,2-Dichloropropane	4.23	77	94925	35.061	ug/l	97
27) cis-1,2-Dichloroethene	4.23	96	83351	48.887	ug/l	95
28) Bromochloromethane	4.55	49	81671	51.376	ug/l	97
29) Tetrahydrofuran	4.64	42	268469	251.898	ug/l	98
30) Chloroform	4.67	83	145067	49.554	ug/l	99
31) Cyclohexane	5.00	56	148691	44.135	ug/l	99
32) 1,1,1-Trichloroethane	4.92	97	120595	48.913	ug/l	99
36) 1,1-Dichloropropene	5.14	75	111930	47.412	ug/l	99
37) Ethyl Acetate	4.38	43	153077	50.171	ug/l	98
38) Carbon Tetrachloride	5.14	117	101530	47.609	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	125658	45.533	ug/l	98
40) Benzene	5.39	78	328683	47.796	ug/l	100
41) Methacrylonitrile	4.54	41	87120	50.518	ug/l	99
42) 1,2-Dichloroethane	5.41	62	122038	47.809	ug/l	100
43) Isopropyl Acetate	5.55	43	239484	50.538	ug/l	99
44) Trichloroethene	6.19	130	72361	47.190	ug/l	98
45) 1,2-Dichloropropane	6.43	63	96305	48.553	ug/l	98
46) Dibromomethane	6.56	93	55804	49.814	ug/l	98
47) Bromodichloromethane	6.76	83	111271	47.868	ug/l	99
48) Methyl methacrylate	6.62	41	119951	50.902	ug/l	99
49) 1,4-Dioxane	6.61	88	40731	1004.575	ug/l	96
51) 4-Methyl-2-Pentanone	7.46	43	783950	254.589	ug/l	99
52) Toluene	7.64	92	197141	48.434	ug/l	98
53) t-1,3-Dichloropropene	7.88	75	127588	46.814	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	138425	47.245	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	80481	49.870	ug/l	99
56) Ethyl methacrylate	8.02	69	141497	45.977	ug/l	97
57) 1,3-Dichloropropane	8.24	76	151430	48.336	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	397774	234.891	ug/l	98
59) 2-Hexanone	8.36	43	600839	251.537	ug/l	98
60) Dibromochloromethane	8.48	129	81263	50.206	ug/l	100
61) 1,2-Dibromoethane	8.59	107	83701	48.781	ug/l	99
64) Tetrachloroethene	8.23	164	60258	48.380	ug/l	98
65) Chlorobenzene	9.12	112	206442	49.019	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	74146	51.000	ug/l	98
67) Ethyl Benzene	9.25	91	368922	49.444	ug/l	99
68) m/p-Xylenes	9.38	106	276261	101.221	ug/l	99
69) o-Xylene	9.78	106	134823	51.983	ug/l	98
70) Styrene	9.79	104	223697	46.318	ug/l	100
71) Bromoform	9.96	173	60862	52.032	ug/l #	99
73) Isopropylbenzene	10.17	105	365498	50.226	ug/l	100
74) N-amyl acetate	10.02	43	211337	50.729	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	141030	49.356	ug/l	100
76) 1,2,3-Trichloropropane	10.49	75	119435m	45.984	ug/l	
77) Bromobenzene	10.45	156	84329	49.863	ug/l	98
78) n-propylbenzene	10.59	91	434315	49.668	ug/l	100
79) 2-Chlorotoluene	10.66	91	255097	48.316	ug/l	100
80) 1,3,5-Trimethylbenzene	10.77	105	304068	51.323	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	47053m	47.412	ug/l	
82) 4-Chlorotoluene	10.77	91	293876	49.049	ug/l	98
83) tert-Butylbenzene	11.10	119	291406	50.878	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	310453	51.298	ug/l	100
85) sec-Butylbenzene	11.32	105	369875	51.253	ug/l	99
86) p-Isopropyltoluene	11.48	119	314887	50.962	ug/l	100
87) 1,3-Dichlorobenzene	11.42	146	154131	48.130	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	157314	48.072	ug/l	100
89) n-Butylbenzene	11.89	91	292624	44.838	ug/l	100
90) Hexachloroethane	12.15	117	57577	49.436	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	157197	50.429	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	32401	51.164	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	108277	53.682	ug/l	99
94) Hexachlorobutadiene	13.69	225	51694	50.726	ug/l	98
95) Naphthalene	13.74	128	379894	50.145	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	112725	53.644	ug/l	100

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

