

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100118\
 Data File : VU027318.D
 Acq On : 01 Oct 2018 12:52
 Operator : MD/SY
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 10/3/2018 11:41:43 AM

Quant Time: Oct 01 23:44:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 01 23:17:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	121460	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	207858	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	195579	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	93499	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	36887	19.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.28%	
35) Dibromofluoromethane	4.89	113	25557	18.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.42%	
50) Toluene-d8	7.57	98	100083	18.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.54%	
62) 4-Bromofluorobenzene	10.31	95	35395	18.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	36.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	35828	20.460	ug/l	99
3) Chloromethane	1.33	50	46914	19.789	ug/l	99
4) Vinyl Chloride	1.40	62	43595	19.562	ug/l	98
5) Bromomethane	1.62	94	18019	18.686	ug/l	99
6) Chloroethane	1.70	64	24201	18.072	ug/l	98
7) Trichlorofluoromethane	1.89	101	44918	19.865	ug/l	100
8) Diethyl Ether	2.11	74	20460	19.642	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.29	101	25360	19.312	ug/l	99
10) Methyl Iodide	2.41	142	13306	13.919	ug/l	99
11) Tert butyl alcohol	2.83	59	40167	94.046	ug/l	98
12) 1,1-Dichloroethene	2.28	96	24042	18.739	ug/l	94
13) Acrolein	2.20	56	32728	91.322	ug/l	98
14) Allyl chloride	2.59	41	57139	18.755	ug/l	99
15) Acrylonitrile	2.94	53	106872	96.140	ug/l	99
16) Acetone	2.32	43	108329	90.413	ug/l	100
17) Carbon Disulfide	2.48	76	87769	18.968	ug/l	98
18) Methyl Acetate	2.62	43	50876	18.613	ug/l	100
19) Methyl tert-butyl Ether	3.00	73	98882	19.235	ug/l	98
20) Methylene Chloride	2.70	84	31981	19.162	ug/l	95
21) trans-1,2-Dichloroethene	2.98	96	27870	19.349	ug/l	98
22) Diisopropyl ether	3.58	45	120285	19.425	ug/l	97
23) Vinyl Acetate	3.53	43	519785	96.117	ug/l	99
24) 1,1-Dichloroethane	3.45	63	62558	19.652	ug/l	99
25) 2-Butanone	4.26	43	156767	95.947	ug/l	99
26) 2,2-Dichloropropane	4.23	77	50040	19.130	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	31280	18.989	ug/l	99
28) Bromochloromethane	4.55	49	28303	18.428	ug/l	99
29) Tetrahydrofuran	4.64	42	101923	98.984	ug/l	99
30) Chloroform	4.68	83	54545	19.285	ug/l	98
31) Cyclohexane	5.00	56	61409	16.496	ug/l	97
32) 1,1,1-Trichloroethane	4.92	97	45908	19.273	ug/l	98
36) 1,1-Dichloropropene	5.14	75	42820	18.973	ug/l	99
37) Ethyl Acetate	4.38	43	55155	19.819	ug/l	99
38) Carbon Tetrachloride	5.14	117	39086	19.172	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	49294	18.685	ug/l	98
40) Benzene	5.39	78	125888	19.149	ug/l	99
41) Methacrylonitrile	4.54	41	31496	19.105	ug/l	98
42) 1,2-Dichloroethane	5.41	62	46655	19.119	ug/l	99
43) Isopropyl Acetate	5.55	43	86574	19.111	ug/l	99
44) Trichloroethene	6.19	130	27354	18.660	ug/l	95
45) 1,2-Dichloropropane	6.43	63	36649	19.328	ug/l	96
46) Dibromomethane	6.56	93	20894	19.510	ug/l	99
47) Bromodichloromethane	6.76	83	42569	19.157	ug/l	99
48) Methyl methacrylate	6.62	41	42630	18.924	ug/l	98
49) 1,4-Dioxane	6.61	88	15329	395.483	ug/l	99
51) 4-Methyl-2-Pentanone	7.46	43	283975	96.469	ug/l	99
52) Toluene	7.64	92	75342	19.363	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	50066	19.216	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	54287	19.382	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	29897	19.379	ug/l	99
56) Ethyl methacrylate	8.02	69	49992	19.525	ug/l	99
57) 1,3-Dichloropropane	8.24	76	58063	19.387	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	148885	104.093	ug/l	99
59) 2-Hexanone	8.36	43	219708	96.216	ug/l	100
60) Dibromochloromethane	8.48	129	29931	19.344	ug/l	99
61) 1,2-Dibromoethane	8.59	107	31644	19.292	ug/l	100
64) Tetrachloroethene	8.23	164	23509	19.309	ug/l	94
65) Chlorobenzene	9.12	112	78522	19.074	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.21	131	27448	19.313	ug/l	99
67) Ethyl Benzene	9.25	91	138077	18.931	ug/l	99
68) m/p-Xylenes	9.38	106	102131	38.281	ug/l	99
69) o-Xylene	9.78	106	48903	19.289	ug/l	100
70) Styrene	9.79	104	80831	19.415	ug/l	99
71) Bromoform	9.96	173	21382	18.700	ug/l #	98
73) Isopropylbenzene	10.17	105	134194	19.761	ug/l	100
74) N-amyl acetate	10.01	43	74291	19.110	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	51627	19.362	ug/l	99
76) 1,2,3-Trichloropropane	10.49	75	46960m	18.016	ug/l	
77) Bromobenzene	10.45	156	30160	19.111	ug/l	99
78) n-propylbenzene	10.59	91	158797	19.461	ug/l	100
79) 2-Chlorotoluene	10.66	91	96105	19.506	ug/l	100
80) 1,3,5-Trimethylbenzene	10.77	105	109814	19.863	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	16807m	16.617	ug/l	
82) 4-Chlorotoluene	10.77	91	108768	19.454	ug/l	98
83) tert-Butylbenzene	11.10	119	104026	19.463	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	111413	19.728	ug/l	99
85) sec-Butylbenzene	11.32	105	133961	19.893	ug/l	99
86) p-Isopropyltoluene	11.48	119	113183	19.630	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	56048	18.755	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	58196	19.057	ug/l	99
89) n-Butylbenzene	11.89	91	102406	19.041	ug/l	99
90) Hexachloroethane	12.15	117	20308	18.685	ug/l	97
91) 1,2-Dichlorobenzene	11.88	146	56067	19.275	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	11609	19.645	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	35917	19.083	ug/l	99
94) Hexachlorobutadiene	13.69	225	17794	18.712	ug/l	98
95) Naphthalene	13.74	128	122718	19.447	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	37575	19.162	ug/l	99

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

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