

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100719\
 Data File : VU034950.D
 Acq On : 07 Oct 2019 10:18
 Operator : JC/SP
 Sample : VSTD00106
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00106

Manual Integrations
 APPROVED

MMDadoda
 10/9/2019 3:03:32 PM

Quant Time: Oct 09 02:06:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 09 01:50:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	192283	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	191743	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	89301	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	10698	0.61	ug/L	0.00
7) Chloroethane-d5	1.67	69	9762	0.65	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.26	63	22614	0.66	ug/L	0.00
20) 2-Butanone-d5	4.19	46	28949	8.26	ug/L	0.00
24) Chloroform-d	4.62	84	20092	0.76	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.29	65	12330	0.84	ug/L	0.00
32) Benzene-d6	5.32	84	42243	0.83	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.31	67	14196	0.87	ug/L	0.00
41) Toluene-d8	7.55	98	39517	0.82	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.84	79	4607	0.72	ug/L	0.00
46) 2-Hexanone-d5	8.31	63	20680	7.63	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.41	84	11739	0.86	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.84	152	14866	0.89	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	16740	1.020 ug/L	98
3) Chloromethane	1.32	50	18260	0.968 ug/L	99
5) Vinyl chloride	1.40	62	17866	0.894 ug/L	100
6) Bromomethane	1.62	94	9037	0.731 ug/L	88
8) Chloroethane	1.69	64	10128	0.792 ug/L	89
9) Trichlorofluoromethane	1.88	101	21218	0.764 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	12691	0.822 ug/L	98
12) 1,1-Dichloroethene	2.27	96	11707	0.783 ug/L	94
13) Acetone	2.32	43	24280	7.965 ug/L	97
14) Carbon disulfide	2.47	76	37723	0.779 ug/L	96
15) Methyl Acetate	2.61	43	6639	0.875 ug/L	93
16) Methylene chloride	2.68	84	15740	0.866 ug/L	98
17) Methyl tert-butyl Ether	2.99	73	31639	0.809 ug/L	99
18) trans-1,2-Dichloroethene	2.96	96	12746	0.775 ug/L	98
19) 1,1-Dichloroethane	3.42	63	24474	0.945 ug/L	92
21) 2-Butanone	4.28	43	31634	8.656 ug/L	99
22) cis-1,2-Dichloroethene	4.20	96	13668	0.945 ug/L	92
23) Bromochloromethane	4.53	128	5776	0.907 ug/L	97
25) Chloroform	4.65	83	29239	1.012 ug/L	98
27) 1,2-Dichloroethane	5.39	62	16041	0.951 ug/L	98
29) 1,1,1-Trichloroethane	4.89	97	19918	0.915 ug/L	99
30) Cyclohexane	4.97	56	20996	1.023 ug/L	99
31) Carbon tetrachloride	5.11	117	17169	0.898 ug/L	100
33) Benzene	5.37	78	53144	0.978 ug/L	100
34) Trichloroethene	6.17	95	13324	0.927 ug/L	95
35) Methylcyclohexane	6.39	83	21380	0.973 ug/L	98
37) 1,2-Dichloropropane	6.41	63	14398	0.979 ug/L	98
38) Bromodichloromethane	6.74	83	16604	0.899 ug/L	98
39) cis-1,3-Dichloropropene	7.25	75	17953	0.862 ug/L	100
40) 4-Methyl-2-pentanone	7.45	43	82479	9.675 ug/L	97

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42) Toluene	7.62	91	53779	0.924	ug/L	95
44) trans-1,3-Dichloropropene	7.87	75	12821	0.770	ug/L	94
45) 1,1,2-Trichloroethane	8.05	97	9789	0.942	ug/L	98
47) Tetrachloroethene	8.21	164	10884	0.943	ug/L	98
48) 2-Hexanone	8.35	43	50366	8.163	ug/L	99
49) Dibromochloromethane	8.46	129	10223	0.824	ug/L	96
50) 1,2-Dibromoethane	8.57	107	8617	0.870	ug/L	98
51) Chlorobenzene	9.10	112	35834	0.942	ug/L	94
52) Ethylbenzene	9.23	91	58153	0.930	ug/L	98
53) m,p-Xylene	9.36	106	20573	0.878	ug/L	94
54) o-Xylene	9.76	106	21094	0.940	ug/L	98
55) Styrene	9.77	104	32449	0.840	ug/L	94
56) Isopropylbenzene	10.14	105	54905	0.917	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.44	83	12579	0.941	ug/L	96
59) 1,2,3-Trichloropropane	10.48	75	9343	0.981	ug/L	99
61) Bromoform	9.94	173	5418	0.904	ug/L	99
62) 1,3-Dichlorobenzene	11.40	146	25869	0.971	ug/L	98
63) 1,4-Dichlorobenzene	11.49	146	25524	0.918	ug/L	99
65) 1,2-Dichlorobenzene	11.86	146	25033	0.950	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.64	75	1221	0.625	ug/L	85
67) 1,3,5-Trichlorobenzene	12.87	180	16765	0.818	ug/L	98
68) 1,2,4-trichlorobenzene	13.49	180	9898m	0.610	ug/L	
69) Naphthalene	13.74	128	13305m	0.492	ug/L	
70) 1,2,3-Trichlorobenzene	13.98	180	10177m	0.665	ug/L	

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

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