

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102519\
 Data File : VU035480.D
 Acq On : 25 Oct 2019 11:19
 Operator : JC/SP
 Sample : VSTD00102
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00102

Quant Time: Oct 25 23:20:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102519WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 25 23:17:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	194569	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	219002	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	94207	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	26285	1.80	ug/L	0.00
7) Chloroethane-d5	1.93	69	21171	1.65	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.60	63	44649	1.73	ug/L	0.00
20) 2-Butanone-d5	4.71	46	47459	12.63	ug/L	0.00
24) Chloroform-d	5.11	84	37327	1.51	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.75	65	20243	1.49	ug/L	0.00
32) Benzene-d6	5.77	84	72879	1.32	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.74	67	23968	1.36	ug/L	0.00
41) Toluene-d8	7.93	98	64578	1.22	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.22	79	8711	1.07	ug/L	0.00
46) 2-Hexanone-d5	8.69	63	28978	8.26	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.79	84	19620	1.27	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.22	152	19512	1.11	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	29165	1.587 ug/L	100
3) Chloromethane	1.54	50	33337	1.718 ug/L	99
5) Vinyl chloride	1.62	62	33199	1.697 ug/L	87
6) Bromomethane	1.88	94	17535	1.582 ug/L	96
8) Chloroethane	1.95	64	19805	1.611 ug/L	92
9) Trichlorofluoromethane	2.16	101	38628	1.551 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	22394	1.571 ug/L	99
12) 1,1-Dichloroethene	2.61	96	20136	1.473 ug/L	94
13) Acetone	2.67	43	41529	15.553 ug/L	98
14) Carbon disulfide	2.82	76	71575	1.605 ug/L	99
15) Methyl Acetate	3.00	43	8832	1.346 ug/L	# 89
16) Methylene chloride	3.09	84	26878	1.609 ug/L	97
17) Methyl tert-butyl Ether	3.43	73	46139	1.296 ug/L	97
18) trans-1,2-Dichloroethene	3.39	96	21782	1.479 ug/L	99
19) 1,1-Dichloroethane	3.92	63	43150	1.578 ug/L	98
21) 2-Butanone	4.79	43	55088	12.940 ug/L	97
22) cis-1,2-Dichloroethene	4.72	96	21898	1.355 ug/L	87
23) Bromochloromethane	5.03	128	10947	1.561 ug/L	91
25) Chloroform	5.14	83	47434	1.592 ug/L	99
27) 1,2-Dichloroethane	5.84	62	26732	1.482 ug/L	99
29) 1,1,1-Trichloroethane	5.36	97	34794	1.285 ug/L	98
30) Cyclohexane	5.43	56	31606	1.101 ug/L	99
31) Carbon tetrachloride	5.57	117	30658	1.255 ug/L	99
33) Benzene	5.82	78	89121	1.290 ug/L	100
34) Trichloroethene	6.58	95	21979	1.211 ug/L	98
35) Methylcyclohexane	6.80	83	31356	1.053 ug/L	99
37) 1,2-Dichloropropane	6.84	63	23902	1.354 ug/L	99
38) Bromodichloromethane	7.15	83	31020	1.331 ug/L	99
39) cis-1,3-Dichloropropene	7.65	75	30851	1.090 ug/L	95
40) 4-Methyl-2-pentanone	7.84	43	127367	10.882 ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	8.01	91	88197	1.168	ug/L	96
44) trans-1,3-Dichloropropene	8.25	75	24585	1.065	ug/L	96
45) 1,1,2-Trichloroethane	8.44	97	17226	1.339	ug/L	99
47) Tetrachloroethene	8.58	164	18841	1.250	ug/L	93
48) 2-Hexanone	8.74	43	77983	9.472	ug/L	99
49) Dibromochloromethane	8.84	129	19538	1.220	ug/L	96
50) 1,2-Dibromoethane	8.96	107	15451	1.216	ug/L #	97
51) Chlorobenzene	9.48	112	56930	1.184	ug/L	99
52) Ethylbenzene	9.60	91	84936	1.013	ug/L	99
53) m,p-Xylene	9.73	106	29928	0.945	ug/L	95
54) o-Xylene	10.13	106	29174	0.946	ug/L	99
55) Styrene	10.14	104	45509	0.902	ug/L	95
56) Isopropylbenzene	10.51	105	76692	0.933	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.81	83	21922	1.311	ug/L	97
59) 1,2,3-Trichloropropane	10.85	75	15687	1.307	ug/L	97
61) Bromoform	10.32	173	11049	1.276	ug/L	98
62) 1,3-Dichlorobenzene	11.77	146	34368	1.063	ug/L	99
63) 1,4-Dichlorobenzene	11.86	146	33302	1.049	ug/L	98
65) 1,2-Dichlorobenzene	12.24	146	33798	1.115	ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.03	75	2130	0.994	ug/L	89
67) 1,3,5-Trichlorobenzene	13.25	180	17970	0.891	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	7289	0.560	ug/L	96
69) Naphthalene	14.11	128	10570	0.589	ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	8036	0.649	ug/L	97

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

