

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102519\
 Data File : VU035481.D
 Acq On : 25 Oct 2019 11:44
 Operator : JC/SP
 Sample : VSTD00503
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00503

Quant Time: Oct 25 23:20:55 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	219587	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	238360	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	137271	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	145822	8.84	ug/L	0.00
7) Chloroethane-d5	1.93	69	116948	8.07	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.60	63	236070	8.09	ug/L	0.00
20) 2-Butanone-d5	4.71	46	302206	71.25	ug/L	0.00
24) Chloroform-d	5.11	84	210646	7.54	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.75	65	113097	7.36	ug/L	0.00
32) Benzene-d6	5.77	84	425769	7.07	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.73	67	138187	7.18	ug/L	0.00
41) Toluene-d8	7.93	98	402585	7.01	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.22	79	55585	6.27	ug/L	0.00
46) 2-Hexanone-d5	8.68	63	223959	58.66	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.78	84	113164	6.74	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.22	152	133844	5.22	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	143320	6.912	ug/L 100
3) Chloromethane	1.53	50	172275	7.868	ug/L 100
5) Vinyl chloride	1.62	62	169946	7.695	ug/L 100
6) Bromomethane	1.88	94	85784	6.858	ug/L 100
8) Chloroethane	1.95	64	98602	7.105	ug/L 100
9) Trichlorofluoromethane	2.16	101	192899	6.865	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	109043	6.780	ug/L 100
12) 1,1-Dichloroethene	2.61	96	101462	6.577	ug/L 100
13) Acetone	2.68	43	219901	72.973	ug/L 100
14) Carbon disulfide	2.82	76	358590	7.125	ug/L 100
15) Methyl Acetate	3.00	43	49117	6.633	ug/L 100
16) Methylene chloride	3.08	84	123362	6.542	ug/L 100
17) Methyl tert-butyl Ether	3.43	73	245697	6.117	ug/L 100
18) trans-1,2-Dichloroethene	3.39	96	111014	6.677	ug/L 100
19) 1,1-Dichloroethane	3.92	63	219214	7.102	ug/L 100
21) 2-Butanone	4.79	43	327564	68.175	ug/L 100
22) cis-1,2-Dichloroethene	4.72	96	117734	6.454	ug/L 100
23) Bromochloromethane	5.02	128	52878	6.681	ug/L 100
25) Chloroform	5.14	83	229648	6.829	ug/L 100
27) 1,2-Dichloroethane	5.84	62	137637	6.759	ug/L 100
29) 1,1,1-Trichloroethane	5.36	97	176824	5.998	ug/L 100
30) Cyclohexane	5.43	56	181744	5.819	ug/L 100
31) Carbon tetrachloride	5.57	117	159864	6.012	ug/L 100
33) Benzene	5.82	78	477702	6.352	ug/L 100
34) Trichloroethene	6.58	95	114980	5.818	ug/L 100
35) Methylcyclohexane	6.80	83	177703	5.485	ug/L 100
37) 1,2-Dichloropropane	6.84	63	123062	6.405	ug/L 100
38) Bromodichloromethane	7.15	83	152453	6.009	ug/L 100
39) cis-1,3-Dichloropropene	7.65	75	173100	5.617	ug/L 100
40) 4-Methyl-2-pentanone	7.84	43	776485	60.956	ug/L 100

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42) Toluene	8.01	91	502992	6.121	ug/L	100
44) trans-1,3-Dichloropropene	8.25	75	139552	5.555	ug/L	100
45) 1,1,2-Trichloroethane	8.44	97	85601	6.114	ug/L	100
47) Tetrachloroethene	8.58	164	93640	5.709	ug/L	100
48) 2-Hexanone	8.74	43	562857	62.811	ug/L	100
49) Dibromochloromethane	8.84	129	100549	5.768	ug/L	100
50) 1,2-Dibromoethane	8.96	107	81062	5.860	ug/L	100
51) Chlorobenzene	9.48	112	305173	5.831	ug/L	100
52) Ethylbenzene	9.60	91	517448	5.668	ug/L	100
53) m,p-Xylene	9.72	106	195689	5.678	ug/L	100
54) o-Xylene	10.13	106	188268	5.607	ug/L	100
55) Styrene	10.14	104	318988	5.807	ug/L	100
56) Isopropylbenzene	10.51	105	491028	5.486	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.81	83	113427	6.234	ug/L	100
59) 1,2,3-Trichloropropane	10.85	75	78172	5.986	ug/L	100
61) Bromoform	10.32	173	58624	4.645	ug/L	100
62) 1,3-Dichlorobenzene	11.77	146	229304	4.869	ug/L	100
63) 1,4-Dichlorobenzene	11.86	146	224675	4.858	ug/L	100
65) 1,2-Dichlorobenzene	12.24	146	213414	4.832	ug/L	100
66) 1,2-Dibromo-3-chloropropan	13.02	75	14736	4.718	ug/L	100
67) 1,3,5-Trichlorobenzene	13.24	180	151704	5.161	ug/L	100
68) 1,2,4-trichlorobenzene	13.86	180	81137	4.276	ug/L	100
69) Naphthalene	14.11	128	93137	3.560	ug/L	100
70) 1,2,3-Trichlorobenzene	14.35	180	83139	4.609	ug/L	100

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

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