

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU112119\
 Data File : VU035794.D
 Acq On : 21 Nov 2019 10:16
 Operator : JC/SP
 Sample : VSTD00104
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00104

Quant Time: Nov 21 17:09:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Nov 21 17:06:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	248594	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	275272	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	110228	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	31414	1.16	ug/L	0.00
7) Chloroethane-d5	1.93	69	27082	1.22	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.60	63	57796	1.24	ug/L	0.00
20) 2-Butanone-d5	4.70	46	63705	10.58	ug/L	0.00
24) Chloroform-d	5.11	84	52815	1.21	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.75	65	29232	1.26	ug/L	0.00
32) Benzene-d6	5.77	84	96121	1.07	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.73	67	33558	1.13	ug/L	0.00
41) Toluene-d8	7.93	98	84520	0.99	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.22	79	11992	1.02	ug/L	0.00
46) 2-Hexanone-d5	8.70	63	40134	8.73	ug/L	0.02
57) 1,1,2,2-Tetrachloroethane-	10.79	84	27501	1.11	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.22	152	22978	1.04	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.40	85	32414	1.156	ug/L 98
3) Chloromethane	1.54	50	39386	1.192	ug/L 97
5) Vinyl chloride	1.62	62	38394	1.142	ug/L # 81
6) Bromomethane	1.88	94	20243	1.082	ug/L 99
8) Chloroethane	1.95	64	24341	1.258	ug/L 92
9) Trichlorofluoromethane	2.16	101	47436	1.166	ug/L 96
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	26695	1.124	ug/L 96
12) 1,1-Dichloroethene	2.61	96	24582	1.083	ug/L 97
13) Acetone	2.67	43	63406	13.992	ug/L 96
14) Carbon disulfide	2.82	76	83441	1.130	ug/L 96
15) Methyl Acetate	3.00	43	13081	1.276	ug/L 98
16) Methylene chloride	3.08	84	31850	1.183	ug/L 95
17) Methyl tert-butyl Ether	3.43	73	55054	1.026	ug/L 98
18) trans-1,2-Dichloroethene	3.40	96	24048	1.038	ug/L 98
19) 1,1-Dichloroethane	3.92	63	55421	1.233	ug/L 98
21) 2-Butanone	4.78	43	70326	10.822	ug/L 99
22) cis-1,2-Dichloroethene	4.72	96	26928	1.052	ug/L 98
23) Bromochloromethane	5.03	128	11640	0.970	ug/L 96
25) Chloroform	5.14	83	52515	1.089	ug/L 99
27) 1,2-Dichloroethane	5.84	62	34952	1.269	ug/L # 89
29) 1,1,1-Trichloroethane	5.37	97	42729	1.132	ug/L 98
30) Cyclohexane	5.43	56	37030	0.981	ug/L 97
31) Carbon tetrachloride	5.57	117	35829	1.063	ug/L 100
33) Benzene	5.82	78	103947	1.028	ug/L 100
34) Trichloroethene	6.58	95	27170	1.065	ug/L 90
35) Methylcyclohexane	6.80	83	35001	0.915	ug/L 97
37) 1,2-Dichloropropane	6.83	63	30898	1.144	ug/L 100
38) Bromodichloromethane	7.15	83	37489	1.150	ug/L 94
39) cis-1,3-Dichloropropene	7.65	75	36519	0.966	ug/L 99
40) 4-Methyl-2-pentanone	7.85	43	165326	10.484	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	8.01	91	102740	0.970	ug/L	100
44) trans-1,3-Dichloropropene	8.25	75	29537	0.971	ug/L	93
45) 1,1,2-Trichloroethane	8.44	97	19997	1.057	ug/L	96
47) Tetrachloroethene	8.58	164	20589	0.958	ug/L	93
48) 2-Hexanone	8.75	43	127622	11.260	ug/L	95
49) Dibromochloromethane	8.84	129	23148	1.001	ug/L	93
50) 1,2-Dibromoethane	8.96	107	17733	0.994	ug/L	84
51) Chlorobenzene	9.48	112	65792	0.969	ug/L	97
52) Ethylbenzene	9.60	91	102286	0.926	ug/L	97
53) m,p-Xylene	9.73	106	32148	0.778	ug/L	99
54) o-Xylene	10.13	106	34207	0.859	ug/L	92
55) Styrene	10.15	104	47963	0.722	ug/L	97
56) Isopropylbenzene	10.51	105	83799	0.793	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.82	83	27780	1.116	ug/L	98
59) 1,2,3-Trichloropropane	10.86	75	19656	1.107	ug/L	97
61) Bromoform	10.32	173	12693	1.260	ug/L #	99
62) 1,3-Dichlorobenzene	11.78	146	36662	0.977	ug/L	95
63) 1,4-Dichlorobenzene	11.87	146	35011	0.968	ug/L	98
65) 1,2-Dichlorobenzene	12.25	146	34877	0.994	ug/L	95
66) 1,2-Dibromo-3-chloropropan	13.02	75	3269	1.402	ug/L	95
67) 1,3,5-Trichlorobenzene	13.25	180	17437	0.732	ug/L	97
68) 1,2,4-trichlorobenzene	13.86	180	9379	0.655	ug/L	98
69) Naphthalene	14.11	128	13239	0.743	ug/L	99
70) 1,2,3-Trichlorobenzene	14.35	180	9693	0.701	ug/L	99

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

