

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102519\
 Data File : VU035483.D
 Acq On : 25 Oct 2019 12:33
 Operator : JC/SP
 Sample : VSTD02005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD02005

Quant Time: Oct 25 23:21:43 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	230992	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	252848	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	153980	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	614533	35.39	ug/L	0.00
7) Chloroethane-d5	1.93	69	478605	31.38	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	972879	31.69	ug/L	0.00
20) 2-Butanone-d5	4.70	46	1302135	291.83	ug/L	0.00
24) Chloroform-d	5.11	84	890506	30.31	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.75	65	461375	28.55	ug/L	0.00
32) Benzene-d6	5.77	84	1819054	28.48	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.74	67	579793	28.40	ug/L	0.00
41) Toluene-d8	7.93	98	1676282	27.51	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.21	79	245350	26.10	ug/L	0.00
46) 2-Hexanone-d5	8.68	63	1098682	271.30	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.78	84	480813	26.98	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.22	152	617361	21.48	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	584759	26.809 ug/L	99
3) Chloromethane	1.53	50	683207	29.663 ug/L	99
5) Vinyl chloride	1.62	62	696974	30.002 ug/L	99
6) Bromomethane	1.87	94	340905	25.909 ug/L	99
8) Chloroethane	1.95	64	391951	26.848 ug/L	100
9) Trichlorofluoromethane	2.16	101	776482	26.269 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	430990	25.475 ug/L	98
12) 1,1-Dichloroethene	2.61	96	410668	25.307 ug/L	96
13) Acetone	2.67	43	846575	267.062 ug/L	100
14) Carbon disulfide	2.82	76	1446790	27.326 ug/L	100
15) Methyl Acetate	3.00	43	212225	27.246 ug/L	97
16) Methylene chloride	3.08	84	485565	24.479 ug/L	99
17) Methyl tert-butyl Ether	3.43	73	1092154	25.847 ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	458700	26.228 ug/L	96
19) 1,1-Dichloroethane	3.92	63	889510	27.393 ug/L	99
21) 2-Butanone	4.78	43	1387771	274.572 ug/L	99
22) cis-1,2-Dichloroethene	4.72	96	511447	26.653 ug/L	99
23) Bromochloromethane	5.02	128	219241	26.332 ug/L	98
25) Chloroform	5.14	83	872713	24.670 ug/L	99
27) 1,2-Dichloroethane	5.84	62	549555	25.655 ug/L	100
29) 1,1,1-Trichloroethane	5.36	97	719208	22.998 ug/L	99
30) Cyclohexane	5.43	56	837366	25.273 ug/L	98
31) Carbon tetrachloride	5.57	117	645998	22.902 ug/L	99
33) Benzene	5.82	78	1965604	24.639 ug/L	100
34) Trichloroethene	6.58	95	484522	23.113 ug/L	99
35) Methylcyclohexane	6.80	83	844450	24.573 ug/L	96
37) 1,2-Dichloropropane	6.83	63	514892	25.263 ug/L	99
38) Bromodichloromethane	7.15	83	627258	23.308 ug/L	98
39) cis-1,3-Dichloropropene	7.65	75	789962	24.164 ug/L	100
40) 4-Methyl-2-pentanone	7.84	43	3364474	248.984 ug/L	98

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42) Toluene	8.01	91	2078983	23.850	ug/L	100
44) trans-1,3-Dichloropropene	8.25	75	632597	23.737	ug/L	100
45) 1,1,2-Trichloroethane	8.44	97	349179	23.512	ug/L	99
47) Tetrachloroethene	8.58	164	389952	22.414	ug/L	99
48) 2-Hexanone	8.73	43	2447104	257.434	ug/L	98
49) Dibromochloromethane	8.84	129	427507	23.119	ug/L	97
50) 1,2-Dibromoethane	8.96	107	338126	23.045	ug/L #	100
51) Chlorobenzene	9.48	112	1310450	23.602	ug/L	99
52) Ethylbenzene	9.60	91	2338867	24.151	ug/L	100
53) m,p-Xylene	9.72	106	883820	24.175	ug/L	99
54) o-Xylene	10.13	106	855842	24.028	ug/L	99
55) Styrene	10.14	104	1457755	25.019	ug/L	99
56) Isopropylbenzene	10.51	105	2274665	23.956	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.81	83	472330	24.472	ug/L	99
59) 1,2,3-Trichloropropane	10.85	75	336689	24.305	ug/L	97
61) Bromoform	10.32	173	252172	17.812	ug/L	99
62) 1,3-Dichlorobenzene	11.77	146	1034726	19.588	ug/L	100
63) 1,4-Dichlorobenzene	11.86	146	1027036	19.796	ug/L	99
65) 1,2-Dichlorobenzene	12.24	146	978778	19.756	ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.02	75	72154	20.593	ug/L	99
67) 1,3,5-Trichlorobenzene	13.24	180	780218	23.663	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	574912	27.008	ug/L	97
69) Naphthalene	14.11	128	854952	29.132	ug/L	99
70) 1,2,3-Trichlorobenzene	14.35	180	526472	26.017	ug/L	100

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

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