

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU120420\
 Data File : VU041463.D
 Acq On : 04 Dec 2020 10:52
 Operator : SY/MD
 Sample : VSTD01003
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01003

Quant Time: Dec 05 04:56:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Dec 05 04:54:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	58725	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	57172	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	32645	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	32353	9.94	ug/L	0.00
7) Chloroethane-d5	1.92	69	27375	9.88	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	63	76144	9.81	ug/L	0.00
20) 2-Butanone-d5	4.65	46	123758	110.18	ug/L	0.00
24) Chloroform-d	5.08	84	87699	10.35	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.72	65	57506	10.22	ug/L	0.00
32) Benzene-d6	5.74	84	133938	10.26	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.70	67	39839	10.56	ug/L	0.00
41) Toluene-d8	7.90	98	136035	10.94	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.18	79	24470	11.15	ug/L	0.00
46) 2-Hexanone-d5	8.64	63	103228	120.08	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.75	84	43492	10.34	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.19	152	57547	9.87	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	52994	8.971 ug/L	97
3) Chloromethane	1.53	50	33165	8.801 ug/L	95
5) Vinyl chloride	1.61	62	39123	9.195 ug/L	99
6) Bromomethane	1.87	94	28036	9.584 ug/L	97
8) Chloroethane	1.94	64	24696	8.569 ug/L	96
9) Trichlorofluoromethane	2.15	101	90682	9.563 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	40659	10.245 ug/L	97
12) 1,1-Dichloroethene	2.59	96	35228	10.053 ug/L	100
13) Acetone	2.66	43	87263	100.032 ug/L	99
14) Carbon disulfide	2.81	76	104536	10.554 ug/L	99
15) Methyl Acetate	2.97	43	17469	9.669 ug/L	100
16) Methylene chloride	3.06	84	37713	7.479 ug/L	97
17) Methyl tert-butyl Ether	3.38	73	108713	9.838 ug/L	98
18) trans-1,2-Dichloroethene	3.37	96	35530	9.719 ug/L	94
19) 1,1-Dichloroethane	3.89	63	63714	9.086 ug/L	99
21) 2-Butanone	4.73	43	114156	99.541 ug/L	96
22) cis-1,2-Dichloroethene	4.68	96	40193	9.990 ug/L	94
23) Bromochloromethane	4.99	128	20337	9.870 ug/L	98
25) Chloroform	5.11	83	81680	9.382 ug/L	96
27) 1,2-Dichloroethane	5.81	62	65553	9.716 ug/L	100
29) 1,1,1-Trichloroethane	5.33	97	81224	9.519 ug/L	99
30) Cyclohexane	5.40	56	54711	10.616 ug/L	99
31) Carbon tetrachloride	5.54	117	76862	9.994 ug/L	99
33) Benzene	5.79	78	146151	9.822 ug/L	100
34) Trichloroethene	6.55	95	43236	9.838 ug/L	96
35) Methylcyclohexane	6.77	83	63075	10.863 ug/L	97
37) 1,2-Dichloropropane	6.80	63	33932	9.113 ug/L	100
38) Bromodichloromethane	7.11	83	61162	9.560 ug/L	99
39) cis-1,3-Dichloropropene	7.61	75	63111	10.371 ug/L	94
40) 4-Methyl-2-pentanone	7.80	43	276410	101.207 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) Toluene	7.97	91	168128	10.294	ug/L	97
44) trans-1,3-Dichloropropene	8.21	75	62930	9.910	ug/L	98
45) 1,1,2-Trichloroethane	8.40	97	31579	9.790	ug/L	97
47) Tetrachloroethene	8.56	164	33193	10.006	ug/L	96
48) 2-Hexanone	8.69	43	229179	108.962	ug/L	99
49) Dibromochloromethane	8.81	129	44449	9.890	ug/L	97
50) 1,2-Dibromoethane	8.93	107	32151	10.114	ug/L #	96
51) Chlorobenzene	9.45	112	107105	9.636	ug/L	98
52) Ethylbenzene	9.57	91	189919	9.980	ug/L	97
53) m,p-Xylene	9.69	106	71229	10.221	ug/L	99
54) o-Xylene	10.10	106	68590	10.460	ug/L	99
55) Styrene	10.11	104	119757	10.168	ug/L	97
56) Isopropylbenzene	10.48	105	194529	10.304	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.78	83	39905	9.767	ug/L	99
59) 1,2,3-Trichloropropane	10.82	75	32488	9.552	ug/L	97
61) Bromoform	10.29	173	27020	9.342	ug/L	99
62) 1,3-Dichlorobenzene	11.74	146	92926	9.374	ug/L	99
63) 1,4-Dichlorobenzene	11.83	146	95910	9.614	ug/L	95
65) 1,2-Dichlorobenzene	12.20	146	91829	9.485	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.99	75	9508	10.007	ug/L	95
67) 1,3,5-Trichlorobenzene	13.21	180	77956	10.166	ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	66133	10.654	ug/L	100
69) Naphthalene	14.08	128	114295	11.086	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	58727	10.209	ug/L	97

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

