

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072120\
 Data File : VU039587.D
 Acq On : 21 Jul 2020 09:45
 Operator : SY/MD
 Sample : VSTD00101
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00101

Quant Time: Jul 21 11:01:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR072120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jul 21 10:59:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	111657	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	103584	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	48742	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	5263	0.88	ug/L	0.00
7) Chloroethane-d5	1.93	69	5571	0.88	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	63	11505	0.94	ug/L	0.00
20) 2-Butanone-d5	4.66	46	22941	8.32	ug/L	0.00
24) Chloroform-d	5.08	84	12675	0.95	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.72	65	8798	1.04	ug/L	0.00
32) Benzene-d6	5.75	84	25508	1.06	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.71	67	8515	1.01	ug/L	0.00
41) Toluene-d8	7.91	98	23189	1.09	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.19	79	3566	0.96	ug/L	0.00
46) 2-Hexanone-d5	8.64	63	16375	7.68	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.76	84	7369	0.88	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.19	152	8700	1.02	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	5487	0.845	ug/L 93
3) Chloromethane	1.53	50	6056	0.781	ug/L 97
5) Vinyl chloride	1.61	62	6365	0.743	ug/L 89
6) Bromomethane	1.87	94	3861	0.963	ug/L 100
8) Chloroethane	1.94	64	5050	0.793	ug/L 97
9) Trichlorofluoromethane	2.15	101	12144	0.783	ug/L 96
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	5848	0.922	ug/L 96
12) 1,1-Dichloroethene	2.59	96	5374	0.845	ug/L 90
13) Acetone	2.66	43	12341	7.934	ug/L 85
14) Carbon disulfide	2.81	76	15739	0.715	ug/L 99
15) Methyl Acetate	2.97	43	3300	0.811	ug/L 95
16) Methylene chloride	3.06	84	8141	1.002	ug/L 98
17) Methyl tert-butyl Ether	3.39	73	15676	0.770	ug/L 98
18) trans-1,2-Dichloroethene	3.37	96	5634	0.794	ug/L 96
19) 1,1-Dichloroethane	3.90	63	11961	0.843	ug/L 94
21) 2-Butanone	4.74	43	22339	8.098	ug/L # 74
22) cis-1,2-Dichloroethene	4.69	96	6370	0.790	ug/L 97
23) Bromochloromethane	5.00	128	3172	0.867	ug/L 90
25) Chloroform	5.11	83	13633	0.943	ug/L 99
27) 1,2-Dichloroethane	5.81	62	9083	0.874	ug/L 99
29) 1,1,1-Trichloroethane	5.34	97	10679	0.888	ug/L 96
30) Cyclohexane	5.41	56	9352	0.768	ug/L 96
31) Carbon tetrachloride	5.55	117	9129	0.893	ug/L 100
33) Benzene	5.79	78	24528	0.818	ug/L 100
34) Trichloroethene	6.56	95	6495	0.835	ug/L 91
35) Methylcyclohexane	6.78	83	9683	0.790	ug/L 97
37) 1,2-Dichloropropane	6.81	63	7004	0.856	ug/L # 96
38) Bromodichloromethane	7.12	83	8923	0.849	ug/L # 96
39) cis-1,3-Dichloropropene	7.62	75	9580	0.777	ug/L 93
40) 4-Methyl-2-pentanone	7.80	43	53505	7.894	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.98	91	25682	0.796	ug/L	97
44) trans-1,3-Dichloropropene	8.22	75	8550	0.782	ug/L	97
45) 1,1,2-Trichloroethane	8.41	97	5188	0.880	ug/L	94
47) Tetrachloroethene	8.56	164	4319	0.792	ug/L	90
48) 2-Hexanone	8.69	43	39079	7.840	ug/L	95
49) Dibromochloromethane	8.82	129	5991	0.832	ug/L	99
50) 1,2-Dibromoethane	8.93	107	5009	0.838	ug/L #	98
51) Chlorobenzene	9.45	112	16823	0.847	ug/L	94
52) Ethylbenzene	9.57	91	28532	0.797	ug/L	100
53) m,p-Xylene	9.70	106	10119	0.749	ug/L	99
54) o-Xylene	10.10	106	10197	0.773	ug/L	94
55) Styrene	10.12	104	16100	0.701	ug/L	95
56) Isopropylbenzene	10.48	105	25959	0.727	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.78	83	6320	0.768	ug/L #	97
59) 1,2,3-Trichloropropane	10.82	75	4837	0.794	ug/L	96
61) Bromoform	10.29	173	2932	0.733	ug/L #	96
62) 1,3-Dichlorobenzene	11.74	146	12357	0.826	ug/L	95
63) 1,4-Dichlorobenzene	11.83	146	12443	0.827	ug/L	99
65) 1,2-Dichlorobenzene	12.21	146	11838	0.791	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.99	75	858	0.656	ug/L #	82
67) 1,3,5-Trichlorobenzene	13.21	180	8627	0.771	ug/L	94
68) 1,2,4-trichlorobenzene	13.83	180	6483	0.685	ug/L	96
69) Naphthalene	14.08	128	9794	0.525	ug/L	100
70) 1,2,3-Trichlorobenzene	14.32	180	5941	0.683	ug/L	99

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

