

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092520\
 Data File : VU040276.D
 Acq On : 24 Sep 2020 17:07
 Operator : SY/MD
 Sample : VSTD02005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020105

Quant Time: Sep 25 02:12:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR092420WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 25 02:03:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	212271	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	202656	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.81	152	111846	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	289171	24.39	ug/L	0.00
7) Chloroethane-d5	1.92	69	232307	22.02	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	65	147611	28.74	ug/L	0.00
20) 2-Butanone-d5	4.65	46	1131193	375.09	ug/L	0.00
24) Chloroform-d	5.08	84	589276	25.90	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.72	65	344210	27.95	ug/L	0.00
32) Benzene-d6	5.74	84	1107201	23.00	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.70	67	362434	24.06	ug/L	0.00
41) Toluene-d8	7.91	98	1000333	21.65	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.19	79	158808	26.44	ug/L	0.00
46) 2-Hexanone-d5	8.64	63	898159	310.16	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	10.75	84	318795	25.68	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.19	152	388995	20.40	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	445997	26.481	ug/L 100
3) Chloromethane	1.52	50	429474	24.590	ug/L 99
5) Vinyl chloride	1.61	62	434282	23.642	ug/L 99
6) Bromomethane	1.87	94	234576	22.328	ug/L 100
8) Chloroethane	1.94	64	241330	21.109	ug/L 98
9) Trichlorofluoromethane	2.15	101	551757	24.920	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	358048	26.170	ug/L 99
12) 1,1-Dichloroethene	2.59	96	337205	25.353	ug/L 98
13) Acetone	2.66	43	856264	356.178	ug/L 98
14) Carbon disulfide	2.81	76	1148281	26.667	ug/L 98
15) Methyl Acetate	2.97	43	206647	34.710	ug/L 99
16) Methylene chloride	3.06	84	364582	20.210	ug/L 99
17) Methyl tert-butyl Ether	3.38	73	952147	27.904	ug/L 99
18) trans-1,2-Dichloroethene	3.37	96	348619	24.441	ug/L 97
19) 1,1-Dichloroethane	3.89	63	694683	27.071	ug/L 98
21) 2-Butanone	4.73	43	1466389	380.153	ug/L 99
22) cis-1,2-Dichloroethene	4.69	96	379517	24.130	ug/L 96
23) Bromochloromethane	4.99	128	167730	24.887	ug/L 94
25) Chloroform	5.11	83	690597	26.844	ug/L 98
27) 1,2-Dichloroethane	5.81	62	494567	29.568	ug/L 100
29) 1,1,1-Trichloroethane	5.33	97	593787	27.281	ug/L 98
30) Cyclohexane	5.40	56	699003	28.313	ug/L 99
31) Carbon tetrachloride	5.54	117	517207	27.957	ug/L 97
33) Benzene	5.79	78	1462204	24.488	ug/L 100
34) Trichloroethene	6.55	95	380465	24.228	ug/L 97
35) Methylcyclohexane	6.77	83	647402	24.541	ug/L 97
37) 1,2-Dichloropropane	6.80	63	398218	26.605	ug/L 98
38) Bromodichloromethane	7.11	83	502124	27.091	ug/L 99
39) cis-1,3-Dichloropropene	7.62	75	606152	26.715	ug/L 96
40) 4-Methyl-2-pentanone	7.80	43	3419430	360.675	ug/L 100

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42) Toluene	7.98	91	1509248	23.271	ug/L	99
44) trans-1,3-Dichloropropene	8.21	75	547069	29.768	ug/L	100
45) 1,1,2-Trichloroethane	8.40	97	271422	24.759	ug/L	97
47) Tetrachloroethene	8.56	164	271526	21.848	ug/L	98
48) 2-Hexanone	8.69	43	2510527	373.625	ug/L	99
49) Dibromochloromethane	8.82	129	333365	26.391	ug/L	99
50) 1,2-Dibromoethane	8.93	107	267512	24.880	ug/L	95
51) Chlorobenzene	9.45	112	948424	22.985	ug/L	98
52) Ethylbenzene	9.57	91	1714262	24.285	ug/L	100
53) m,p-Xylene	9.69	106	634604	23.474	ug/L	98
54) o-Xylene	10.10	106	613485	23.253	ug/L	98
55) Styrene	10.11	104	1068163	24.339	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.78	83	379260	26.979	ug/L	98
59) Bromoform	10.29	173	189430	24.201	ug/L	100
60) Isopropylbenzene	10.48	105	1668820	21.772	ug/L	100
61) 1,2,3-Trichloropropane	10.82	75	281754	25.231	ug/L	99
62) 1,3,5-Trimethylbenzene	11.09	105	1457009	22.371	ug/L	100
63) 1,2,4-Trimethylbenzene	11.46	105	1482905	22.815	ug/L	99
64) 1,3-Dichlorobenzene	11.74	146	782910	21.808	ug/L	96
65) 1,4-Dichlorobenzene	11.83	146	783959	21.671	ug/L	98
67) 1,2-Dichlorobenzene	12.20	146	748055	21.663	ug/L	98
68) 1,2-Dibromo-3-chloropropan	12.99	75	71032	29.607	ug/L	99
69) 1,3,5-Trichlorobenzene	13.21	180	573280	21.258	ug/L	100
70) 1,2,4-trichlorobenzene	13.83	180	506334	25.230	ug/L	99
71) Naphthalene	14.07	128	1001753	33.452	ug/L	99
72) 1,2,3-Trichlorobenzene	14.32	180	452334	24.998	ug/L	98

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

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