

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU112520\
 Data File : VU041427.D
 Acq On : 25 Nov 2020 12:40
 Operator : SY/MD
 Sample : VSTD00505
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005105

Quant Time: Nov 26 06:15:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR112520WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 26 06:14:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	74665	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	69289	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.81	152	40530	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	27634	5.37	ug/L	0.00
7) Chloroethane-d5	1.92	69	19591	4.80	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	65	13125	5.34	ug/L	0.00
20) 2-Butanone-d5	4.65	46	73794	37.38	ug/L	0.00
24) Chloroform-d	5.08	84	55363	5.30	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.71	65	33270	5.10	ug/L	0.00
32) Benzene-d6	5.74	84	92538	5.38	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.70	67	26458	4.59	ug/L	0.00
41) Toluene-d8	7.90	98	87980	5.80	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.19	79	14004	5.48	ug/L	0.00
46) 2-Hexanone-d5	8.64	63	54597	42.48	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	10.75	84	24926	4.67	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.19	152	35592	5.16	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	45514	6.620	ug/L 100
3) Chloromethane	1.52	50	35436	5.233	ug/L 100
5) Vinyl chloride	1.61	62	33502	5.052	ug/L 100
6) Bromomethane	1.86	94	19048	5.316	ug/L 100
8) Chloroethane	1.94	64	21247	4.936	ug/L 100
9) Trichlorofluoromethane	2.15	101	63240	6.393	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	29905	5.489	ug/L 100
12) 1,1-Dichloroethene	2.59	96	25737	5.073	ug/L 100
13) Acetone	2.66	43	58767	44.713	ug/L 100
14) Carbon disulfide	2.81	76	73597	4.641	ug/L 100
15) Methyl Acetate	2.96	43	12908	4.315	ug/L 100
16) Methylene chloride	3.06	84	29390	4.844	ug/L 100
17) Methyl tert-butyl Ether	3.38	73	70871	5.269	ug/L 100
18) trans-1,2-Dichloroethene	3.37	96	26118	5.041	ug/L 100
19) 1,1-Dichloroethane	3.89	63	53363	4.995	ug/L 100
21) 2-Butanone	4.73	43	88786	42.900	ug/L 100
22) cis-1,2-Dichloroethene	4.68	96	29653	5.302	ug/L 100
23) Bromochloromethane	4.99	128	14071	5.321	ug/L 100
25) Chloroform	5.10	83	59671	5.367	ug/L 100
27) 1,2-Dichloroethane	5.81	62	44364	5.447	ug/L 100
29) 1,1,1-Trichloroethane	5.33	97	56215	6.149	ug/L 100
30) Cyclohexane	5.40	56	40438	5.064	ug/L 100
31) Carbon tetrachloride	5.54	117	50459	6.385	ug/L 100
33) Benzene	5.79	78	111867	5.473	ug/L 100
34) Trichloroethene	6.55	95	30775	5.550	ug/L 100
35) Methylcyclohexane	6.77	83	44209	5.720	ug/L 100
37) 1,2-Dichloropropane	6.80	63	29068	5.082	ug/L 100
38) Bromodichloromethane	7.11	83	43740	5.856	ug/L 100
39) cis-1,3-Dichloropropene	7.61	75	45434	5.773	ug/L 100
40) 4-Methyl-2-pentanone	7.80	43	206807	48.630	ug/L 100

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42) Toluene	7.97	91	125262	5.951	ug/L	100
44) trans-1,3-Dichloropropene	8.21	75	43845	5.940	ug/L	100
45) 1,1,2-Trichloroethane	8.40	97	21872	5.290	ug/L	100
47) Tetrachloroethene	8.56	164	23499	6.045	ug/L	100
48) 2-Hexanone	8.69	43	157564	49.390	ug/L	100
49) Dibromochloromethane	8.81	129	30193	6.057	ug/L	100
50) 1,2-Dibromoethane	8.93	107	22330	5.655	ug/L	100
51) Chlorobenzene	9.45	112	74771	5.566	ug/L	100
52) Ethylbenzene	9.57	91	127177	5.820	ug/L	100
53) m,p-Xylene	9.69	106	48187	6.054	ug/L	100
54) o-Xylene	10.10	106	46149	6.041	ug/L	100
55) Styrene	10.11	104	81922	6.188	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.78	83	29038	5.426	ug/L	100
59) Bromoform	10.29	173	16953	5.254	ug/L	100
60) Isopropylbenzene	10.48	105	129254	5.416	ug/L	100
61) 1,2,3-Trichloropropane	10.82	75	22121	4.586	ug/L	100
62) 1,3,5-Trimethylbenzene	11.09	105	115127	5.841	ug/L	100
63) 1,2,4-Trimethylbenzene	11.47	105	119181	5.989	ug/L	100
64) 1,3-Dichlorobenzene	11.74	146	68666	5.674	ug/L	100
65) 1,4-Dichlorobenzene	11.83	146	69585	5.641	ug/L	100
67) 1,2-Dichlorobenzene	12.21	146	65725	5.578	ug/L	100
68) 1,2-Dibromo-3-chloropropan	12.99	75	6158	5.336	ug/L	100
69) 1,3,5-Trichlorobenzene	13.21	180	51058	6.023	ug/L	100
70) 1,2,4-trichlorobenzene	13.83	180	43290	6.048	ug/L	100
71) Naphthalene	14.08	128	74804	5.935	ug/L	100
72) 1,2,3-Trichlorobenzene	14.32	180	40401	6.041	ug/L	100

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

