

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU112520\
 Data File : VU041426.D
 Acq On : 25 Nov 2020 12:08
 Operator : SY/MD
 Sample : VSTD00104
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001104

Quant Time: Nov 26 06:15:29 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	61547	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	61083	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.81	152	33537	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	4730	1.12	ug/L	0.00
7) Chloroethane-d5	1.92	69	3648	1.08	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	65	2162	1.07	ug/L	0.00
20) 2-Butanone-d5	4.65	46	12194	7.49	ug/L	0.00
24) Chloroform-d	5.08	84	9478	1.10	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.72	65	5840	1.09	ug/L	0.00
32) Benzene-d6	5.74	84	14541	0.96	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.70	67	4694	0.92	ug/L	0.00
41) Toluene-d8	7.91	98	14163	1.06	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.18	79	2263	1.00	ug/L	0.00
46) 2-Hexanone-d5	8.64	63	6871	6.06	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	10.76	84	4553	0.97	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.19	152	5741	1.00	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	7360	1.299 ug/L	96
3) Chloromethane	1.53	50	6022	1.079 ug/L	98
5) Vinyl chloride	1.61	62	5568	1.019 ug/L	95
6) Bromomethane	1.87	94	2810	0.951 ug/L	94
8) Chloroethane	1.94	64	3936	1.109 ug/L	91
9) Trichlorofluoromethane	2.15	101	9874	1.211 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	4690	1.044 ug/L	93
12) 1,1-Dichloroethene	2.59	96	3674	0.879 ug/L #	84
13) Acetone	2.66	43	10109	9.331 ug/L	96
14) Carbon disulfide	2.80	76	11048	0.845 ug/L	97
15) Methyl Acetate	2.96	43	2080	0.844 ug/L	92
16) Methylene chloride	3.06	84	7901	1.580 ug/L	99
17) Methyl tert-butyl Ether	3.38	73	10390	0.937 ug/L	97
18) trans-1,2-Dichloroethene	3.37	96	4024	0.942 ug/L	90
19) 1,1-Dichloroethane	3.89	63	8032	0.912 ug/L	99
21) 2-Butanone	4.73	43	12917	7.571 ug/L	96
22) cis-1,2-Dichloroethene	4.68	96	4283	0.929 ug/L	99
23) Bromochloromethane	4.99	128	1988	0.912 ug/L	81
25) Chloroform	5.10	83	9310	1.016 ug/L	99
27) 1,2-Dichloroethane	5.81	62	6723	1.001 ug/L	98
29) 1,1,1-Trichloroethane	5.33	97	8485	1.053 ug/L	96
30) Cyclohexane	5.40	56	5287	0.751 ug/L	98
31) Carbon tetrachloride	5.54	117	7488	1.075 ug/L	98
33) Benzene	5.79	78	16696	0.927 ug/L	100
34) Trichloroethene	6.55	95	4410	0.902 ug/L	93
35) Methylcyclohexane	6.77	83	5609	0.823 ug/L	95
37) 1,2-Dichloropropane	6.80	63	4509	0.894 ug/L #	90
38) Bromodichloromethane	7.12	83	6904	1.048 ug/L #	98
39) cis-1,3-Dichloropropene	7.62	75	6274	0.904 ug/L	92
40) 4-Methyl-2-pentanone	7.80	43	27180	7.250 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.98	91	16741	0.902	ug/L	99
44) trans-1,3-Dichloropropene	8.21	75	6035	0.927	ug/L	96
45) 1,1,2-Trichloroethane	8.41	97	3301	0.906	ug/L	99
47) Tetrachloroethene	8.56	164	3345	0.976	ug/L	97
48) 2-Hexanone	8.69	43	17677	6.285	ug/L	98
49) Dibromochloromethane	8.81	129	4163	0.947	ug/L	92
50) 1,2-Dibromoethane	8.93	107	3081	0.885	ug/L #	97
51) Chlorobenzene	9.45	112	11066	0.934	ug/L	98
52) Ethylbenzene	9.57	91	17401	0.903	ug/L	99
53) m,p-Xylene	9.69	106	5929	0.845	ug/L	80
54) o-Xylene	10.10	106	5738	0.852	ug/L	98
55) Styrene	10.11	104	10032	0.860	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.78	83	4220	0.894	ug/L	92
59) Bromoform	10.29	173	2452	0.918	ug/L #	92
60) Isopropylbenzene	10.48	105	15883	0.804	ug/L	98
61) 1,2,3-Trichloropropane	10.82	75	3428	0.859	ug/L	97
62) 1,3,5-Trimethylbenzene	11.09	105	13467	0.826	ug/L	97
63) 1,2,4-Trimethylbenzene	11.46	105	13673	0.830	ug/L	98
64) 1,3-Dichlorobenzene	11.74	146	9616	0.960	ug/L	95
65) 1,4-Dichlorobenzene	11.83	146	9867	0.967	ug/L	99
67) 1,2-Dichlorobenzene	12.21	146	9477	0.972	ug/L	98
68) 1,2-Dibromo-3-chloropropan	12.99	75	777	0.814	ug/L	94
69) 1,3,5-Trichlorobenzene	13.21	180	7452	1.062	ug/L	99
70) 1,2,4-trichlorobenzene	13.83	180	5905	0.997	ug/L	96
71) Naphthalene	14.08	128	9180	0.880	ug/L	99
72) 1,2,3-Trichlorobenzene	14.32	180	5497	0.993	ug/L	97

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

