

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102820\
 Data File : VU040992.D
 Acq On : 28 Oct 2020 11:06
 Operator : SY/MD
 Sample : VSTD00103
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00103

Quant Time: Oct 29 01:29:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR102820WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 29 01:21:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	54912	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	57511	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.81	152	25556	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	4708	1.29	ug/L	0.00
7) Chloroethane-d5	1.92	69	3694	1.23	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	65	2097	1.13	ug/L	0.00
20) 2-Butanone-d5	4.66	46	15499	11.13	ug/L	0.00
24) Chloroform-d	5.08	84	8668	1.19	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.72	65	5292	1.16	ug/L	0.00
32) Benzene-d6	5.74	84	14389	0.97	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.70	67	5226	1.05	ug/L	0.00
41) Toluene-d8	7.91	98	12491	0.94	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.19	79	1907	0.94	ug/L	0.00
46) 2-Hexanone-d5	8.64	63	8924	8.49	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	10.75	84	4849	1.14	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.19	152	4638	1.06	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	4883	0.878 ug/L	96
3) Chloromethane	1.53	50	5165	0.937 ug/L	96
5) Vinyl chloride	1.61	62	4834	0.885 ug/L	95
6) Bromomethane	1.87	94	2656	0.912 ug/L	96
8) Chloroethane	1.94	64	3415	1.054 ug/L	95
9) Trichlorofluoromethane	2.15	101	7058	0.958 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	4109	0.915 ug/L	98
12) 1,1-Dichloroethene	2.59	96	3954	0.939 ug/L	86
13) Acetone	2.68	43	9056	8.769 ug/L	93
14) Carbon disulfide	2.81	76	12388	0.856 ug/L	98
15) Methyl Acetate	2.97	43	2227	0.869 ug/L #	77
16) Methylene chloride	3.06	84	4696	0.891 ug/L	98
17) Methyl tert-butyl Ether	3.38	73	8825	0.801 ug/L	98
18) trans-1,2-Dichloroethene	3.37	96	3659	0.835 ug/L	99
19) 1,1-Dichloroethane	3.89	63	7977	0.916 ug/L	91
21) 2-Butanone	4.75	43	13035	7.695 ug/L	83
22) cis-1,2-Dichloroethene	4.69	96	3716	0.806 ug/L	99
23) Bromochloromethane	4.99	128	1895	0.870 ug/L	98
25) Chloroform	5.11	83	7865	0.900 ug/L	97
27) 1,2-Dichloroethane	5.81	62	5742	0.908 ug/L	97
29) 1,1,1-Trichloroethane	5.33	97	6895	0.869 ug/L	99
30) Cyclohexane	5.41	56	5270	0.627 ug/L	95
31) Carbon tetrachloride	5.54	117	5899	0.873 ug/L	99
33) Benzene	5.79	78	15144	0.778 ug/L	100
34) Trichloroethene	6.56	95	4009	0.797 ug/L	97
35) Methylcyclohexane	6.77	83	5282	0.681 ug/L	99
37) 1,2-Dichloropropane	6.80	63	4369	0.800 ug/L #	89
38) Bromodichloromethane	7.11	83	5763	0.870 ug/L #	96
39) cis-1,3-Dichloropropene	7.62	75	5254	0.717 ug/L	98
40) 4-Methyl-2-pentanone	7.80	43	28331	6.895 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.98	91	15034	0.763	ug/L	98
44) trans-1,3-Dichloropropene	8.21	75	4947	0.730	ug/L	90
45) 1,1,2-Trichloroethane	8.40	97	3112	0.838	ug/L	92
47) Tetrachloroethene	8.56	164	3301	0.904	ug/L	97
48) 2-Hexanone	8.69	43	22409	7.461	ug/L	98
49) Dibromochloromethane	8.82	129	3610	0.846	ug/L	90
50) 1,2-Dibromoethane	8.93	107	3129	0.874	ug/L #	94
51) Chlorobenzene	9.45	112	9825	0.777	ug/L	98
52) Ethylbenzene	9.57	91	15175	0.706	ug/L	99
53) m,p-Xylene	9.69	106	5253	0.679	ug/L	93
54) o-Xylene	10.10	106	4741	0.636	ug/L	91
55) Styrene	10.11	104	7721	0.600	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.78	83	4134	0.845	ug/L	94
59) Bromoform	10.29	173	1786	0.868	ug/L #	95
60) Isopropylbenzene	10.48	105	12877	0.742	ug/L	99
61) 1,2,3-Trichloropropane	10.82	75	3077	0.937	ug/L	99
62) 1,3,5-Trimethylbenzene	11.09	105	9432	0.678	ug/L	99
63) 1,2,4-Trimethylbenzene	11.46	105	9325	0.659	ug/L	99
64) 1,3-Dichlorobenzene	11.74	146	7121	0.823	ug/L	97
65) 1,4-Dichlorobenzene	11.83	146	7479	0.838	ug/L	94
67) 1,2-Dichlorobenzene	12.21	146	7269	0.893	ug/L	98
68) 1,2-Dibromo-3-chloropropan	12.99	75	698	0.902	ug/L #	77
69) 1,3,5-Trichlorobenzene	13.21	180	4779	0.789	ug/L	98
70) 1,2,4-trichlorobenzene	13.83	180	3293	0.673	ug/L	98
71) Naphthalene	14.08	128	4888	0.581	ug/L	97
72) 1,2,3-Trichlorobenzene	14.32	180	3185	0.722	ug/L	98

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

