

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU112520\
 Data File : VU041425.D
 Acq On : 25 Nov 2020 11:43
 Operator : SY/MD
 Sample : VSTD0.503
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5103

Quant Time: Nov 26 06:15:01 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	62629	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	61339	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.81	152	32674	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	2258	0.52	ug/L	0.00
7) Chloroethane-d5	1.92	69	1721	0.50	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	65	1078	0.52	ug/L	0.00
20) 2-Butanone-d5	4.66	46	6289	3.80	ug/L	0.00
24) Chloroform-d	5.08	84	4900	0.56	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.71	65	3261	0.60	ug/L	0.00
32) Benzene-d6	5.74	84	7832	0.51	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.70	67	2405	0.47	ug/L	0.00
41) Toluene-d8	7.90	98	6725	0.50	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.19	79	1036	0.46	ug/L	0.00
46) 2-Hexanone-d5	8.64	63	3653	3.21	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	10.75	84	2274	0.48	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.19	152	2884	0.52	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	3702	0.642 ug/L	97
3) Chloromethane	1.52	50	3123	0.550 ug/L	96
5) Vinyl chloride	1.61	62	2942	0.529 ug/L	96
6) Bromomethane	1.87	94	1570	0.522 ug/L	90
8) Chloroethane	1.94	64	2706	0.749 ug/L	97
9) Trichlorofluoromethane	2.15	101	5459	0.658 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	2404	0.526 ug/L	99
12) 1,1-Dichloroethene	2.59	96	1940	0.456 ug/L #	67
13) Acetone	2.66	43	6077	5.512 ug/L	88
14) Carbon disulfide	2.81	76	5860	0.441 ug/L	99
15) Methyl Acetate	2.97	43	1052	0.419 ug/L #	81
16) Methylene chloride	3.06	84	6129	1.204 ug/L	97
17) Methyl tert-butyl Ether	3.38	73	5598	0.496 ug/L	94
18) trans-1,2-Dichloroethene	3.37	96	2155	0.496 ug/L	98
19) 1,1-Dichloroethane	3.89	63	4602	0.514 ug/L	94
21) 2-Butanone	4.74	43	6854	3.948 ug/L	91
22) cis-1,2-Dichloroethene	4.68	96	2334	0.498 ug/L	76
23) Bromochloromethane	4.99	128	1118	0.504 ug/L #	83
25) Chloroform	5.10	83	4845	0.520 ug/L	85
27) 1,2-Dichloroethane	5.81	62	3625	0.531 ug/L #	79
29) 1,1,1-Trichloroethane	5.33	97	4229	0.523 ug/L	96
30) Cyclohexane	5.40	56	2865	0.405 ug/L	98
31) Carbon tetrachloride	5.54	117	4048	0.579 ug/L	98
33) Benzene	5.79	78	8461	0.468 ug/L	100
34) Trichloroethene	6.55	95	2566	0.523 ug/L	84
35) Methylcyclohexane	6.78	83	2909	0.425 ug/L	96
37) 1,2-Dichloropropane	6.80	63	2162	0.427 ug/L #	88
38) Bromodichloromethane	7.12	83	3454	0.522 ug/L #	96
39) cis-1,3-Dichloropropene	7.61	75	3220	0.462 ug/L	100
40) 4-Methyl-2-pentanone	7.80	43	14072	3.738 ug/L	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU112520\
 Data File : VU041425.D
 Acq On : 25 Nov 2020 11:43
 Operator : SY/MD
 Sample : VSTD0.503
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5103

Quant Time: Nov 26 06:15:01 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)

42) Toluene	7.98	91	8368	0.449	ug/L	98
44) trans-1,3-Dichloropropene	8.21	75	3060	0.468	ug/L #	77
45) 1,1,2-Trichloroethane	8.40	97	1801	0.492	ug/L	88
47) Tetrachloroethene	8.56	164	1890	0.549	ug/L	93
48) 2-Hexanone	8.69	43	10445	3.698	ug/L	97
49) Dibromochloromethane	8.81	129	2064	0.468	ug/L	91
50) 1,2-Dibromoethane	8.93	107	1644	0.470	ug/L #	97
51) Chlorobenzene	9.45	112	6073	0.511	ug/L	94
52) Ethylbenzene	9.57	91	8476	0.438	ug/L	100
53) m,p-Xylene	9.69	106	2792	0.396	ug/L	80
54) o-Xylene	10.10	106	3088	0.457	ug/L	85
55) Styrene	10.11	104	5351	0.457	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.78	83	2263	0.478	ug/L	98
59) Bromoform	10.30	173	1083	0.416	ug/L #	89
60) Isopropylbenzene	10.48	105	8576	0.446	ug/L	98
61) 1,2,3-Trichloropropane	10.83	75	1863	0.479	ug/L	99
62) 1,3,5-Trimethylbenzene	11.09	105	6732	0.424	ug/L	98
63) 1,2,4-Trimethylbenzene	11.47	105	6958	0.434	ug/L	100
64) 1,3-Dichlorobenzene	11.74	146	4812	0.493	ug/L	95
65) 1,4-Dichlorobenzene	11.83	146	5052	0.508	ug/L	95
67) 1,2-Dichlorobenzene	12.20	146	4870	0.513	ug/L	96
68) 1,2-Dibromo-3-chloropropan	12.99	75	400	0.430	ug/L #	74
69) 1,3,5-Trichlorobenzene	13.21	180	4090	0.598	ug/L	93
70) 1,2,4-trichlorobenzene	13.83	180	3069	0.532	ug/L	95
71) Naphthalene	14.08	128	5141	0.506	ug/L	98
72) 1,2,3-Trichlorobenzene	14.32	180	3178	0.589	ug/L	92

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

