

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU112520\
 Data File : VU041428.D
 Acq On : 25 Nov 2020 13:04
 Operator : SY/MD
 Sample : VSTD01006
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010106

Quant Time: Nov 26 06:16:25 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	69994	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	71296	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.81	152	39417	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	57656	11.96	ug/L	0.00
7) Chloroethane-d5	1.92	69	39289	10.27	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	65	26257	11.39	ug/L	0.00
20) 2-Butanone-d5	4.65	46	152414	82.36	ug/L	0.00
24) Chloroform-d	5.08	84	110671	11.31	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.72	65	66862	10.92	ug/L	0.00
32) Benzene-d6	5.74	84	186101	10.52	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.70	67	55477	9.36	ug/L	0.00
41) Toluene-d8	7.91	98	180049	11.53	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.19	79	29873	11.36	ug/L	0.00
46) 2-Hexanone-d5	8.64	63	118140	89.34	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	10.75	84	53908	9.82	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.19	152	72023	10.73	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	80925	12.556 ug/L	97
3) Chloromethane	1.53	50	64679	10.188 ug/L	99
5) Vinyl chloride	1.61	62	66672	10.725 ug/L	95
6) Bromomethane	1.87	94	34617	10.306 ug/L	98
8) Chloroethane	1.94	64	35933	8.904 ug/L	99
9) Trichlorofluoromethane	2.15	101	112576	12.139 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	54197	10.611 ug/L	99
12) 1,1-Dichloroethene	2.59	96	46200	9.714 ug/L #	84
13) Acetone	2.66	43	108660	88.191 ug/L	98
14) Carbon disulfide	2.81	76	131992	8.879 ug/L	99
15) Methyl Acetate	2.97	43	22594	8.057 ug/L	98
16) Methylene chloride	3.06	84	54009	9.496 ug/L	95
17) Methyl tert-butyl Ether	3.38	73	134863	10.697 ug/L	97
18) trans-1,2-Dichloroethene	3.37	96	46179	9.508 ug/L	99
19) 1,1-Dichloroethane	3.89	63	95920	9.578 ug/L	99
21) 2-Butanone	4.73	43	164861	84.973 ug/L	99
22) cis-1,2-Dichloroethene	4.69	96	53792	10.261 ug/L	93
23) Bromochloromethane	5.00	128	25396	10.244 ug/L	98
25) Chloroform	5.11	83	108458	10.406 ug/L	96
27) 1,2-Dichloroethane	5.81	62	80468	10.540 ug/L	99
29) 1,1,1-Trichloroethane	5.33	97	99938	10.624 ug/L	98
30) Cyclohexane	5.40	56	77137	9.387 ug/L	99
31) Carbon tetrachloride	5.54	117	92107	11.327 ug/L	98
33) Benzene	5.79	78	204706	9.734 ug/L	100
34) Trichloroethene	6.56	95	53965	9.459 ug/L	97
35) Methylcyclohexane	6.77	83	83116	10.451 ug/L	98
37) 1,2-Dichloropropane	6.80	63	53025	9.009 ug/L	99
38) Bromodichloromethane	7.11	83	80014	10.410 ug/L	99
39) cis-1,3-Dichloropropene	7.61	75	78419	9.684 ug/L	97
40) 4-Methyl-2-pentanone	7.80	43	380699	87.001 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.98	91	226449	10.455	ug/L	98
44) trans-1,3-Dichloropropene	8.21	75	81075	10.675	ug/L	98
45) 1,1,2-Trichloroethane	8.40	97	41559	9.768	ug/L	99
47) Tetrachloroethene	8.56	164	42989	10.747	ug/L	99
48) 2-Hexanone	8.69	43	295722	90.088	ug/L	98
49) Dibromochloromethane	8.81	129	56658	11.046	ug/L	98
50) 1,2-Dibromoethane	8.93	107	41682	10.258	ug/L	97
51) Chlorobenzene	9.45	112	148319	10.731	ug/L	99
52) Ethylbenzene	9.57	91	264422	11.761	ug/L	99
53) m,p-Xylene	9.69	106	98707	12.052	ug/L	97
54) o-Xylene	10.10	106	94972	12.082	ug/L	99
55) Styrene	10.11	104	168779	12.390	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.78	83	55492	10.077	ug/L	97
59) Bromoform	10.29	173	32609	10.391	ug/L	99
60) Isopropylbenzene	10.48	105	266070	11.463	ug/L	99
61) 1,2,3-Trichloropropane	10.82	75	43339	9.238	ug/L	98
62) 1,3,5-Trimethylbenzene	11.09	105	231884	12.097	ug/L	98
63) 1,2,4-Trimethylbenzene	11.47	105	240100	12.406	ug/L	100
64) 1,3-Dichlorobenzene	11.74	146	126718	10.767	ug/L	98
65) 1,4-Dichlorobenzene	11.83	146	128099	10.677	ug/L	99
67) 1,2-Dichlorobenzene	12.21	146	120391	10.505	ug/L	99
68) 1,2-Dibromo-3-chloropropan	12.99	75	11413	10.169	ug/L	94
69) 1,3,5-Trichlorobenzene	13.21	180	96050	11.650	ug/L	98
70) 1,2,4-trichlorobenzene	13.83	180	83072	11.933	ug/L	100
71) Naphthalene	14.08	128	151572	12.365	ug/L	99
72) 1,2,3-Trichlorobenzene	14.32	180	76800	11.808	ug/L	99

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

