

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092520\
 Data File : VU040273.D
 Acq On : 24 Sep 2020 15:54
 Operator : SY/MD
 Sample : VSTD00102
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001102

Quant Time: Sep 25 02:10:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR092420WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 25 02:03:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	209217	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	204710	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.81	152	102558	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	12619	1.08	ug/L	0.00
7) Chloroethane-d5	1.92	69	10830	1.04	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	65	6426	1.27	ug/L	0.00
20) 2-Butanone-d5	4.66	46	46311	15.58	ug/L	0.00
24) Chloroform-d	5.08	84	25009	1.12	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.72	65	15875	1.31	ug/L	0.00
32) Benzene-d6	5.74	84	47518	0.98	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.70	67	15818	1.04	ug/L	0.00
41) Toluene-d8	7.90	98	42267	0.91	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.19	79	6453	1.06	ug/L	0.00
46) 2-Hexanone-d5	8.64	63	29417	10.06	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	10.76	84	13559	1.08	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.19	152	15894	0.91	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	21511	1.296 ug/L	91
3) Chloromethane	1.53	50	22056	1.281 ug/L	98
5) Vinyl chloride	1.61	62	21619	1.194 ug/L	99
6) Bromomethane	1.87	94	11222	1.084 ug/L	94
8) Chloroethane	1.94	64	13849	1.229 ug/L	99
9) Trichlorofluoromethane	2.15	101	28859	1.322 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	17572	1.303 ug/L	98
12) 1,1-Dichloroethene	2.59	96	16294	1.243 ug/L	94
13) Acetone	2.67	43	40200	16.966 ug/L	99
14) Carbon disulfide	2.81	76	56395	1.329 ug/L	98
15) Methyl Acetate	2.97	43	9562	1.630 ug/L	99
16) Methylene chloride	3.06	84	22379	1.259 ug/L	97
17) Methyl tert-butyl Ether	3.38	73	41107	1.222 ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	17163	1.221 ug/L	98
19) 1,1-Dichloroethane	3.89	63	34213	1.353 ug/L	98
21) 2-Butanone	4.74	43	63878	16.802 ug/L	96
22) cis-1,2-Dichloroethene	4.68	96	17783	1.147 ug/L	94
23) Bromochloromethane	4.99	128	8328	1.254 ug/L	98
25) Chloroform	5.11	83	34295	1.353 ug/L	97
27) 1,2-Dichloroethane	5.81	62	25498	1.547 ug/L	98
29) 1,1,1-Trichloroethane	5.33	97	28308	1.288 ug/L	98
30) Cyclohexane	5.40	56	28694	1.151 ug/L	93
31) Carbon tetrachloride	5.54	117	24372	1.304 ug/L	94
33) Benzene	5.79	78	70533	1.169 ug/L	100
34) Trichloroethene	6.55	95	18827	1.187 ug/L	94
35) Methylcyclohexane	6.77	83	27552	1.034 ug/L	95
37) 1,2-Dichloropropane	6.80	63	20681	1.368 ug/L	# 96
38) Bromodichloromethane	7.11	83	23917	1.277 ug/L	98
39) cis-1,3-Dichloropropene	7.61	75	24934	1.088 ug/L	99
40) 4-Methyl-2-pentanone	7.80	43	138399	14.452 ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.98	91	69080	1.054	ug/L	97
44) trans-1,3-Dichloropropene	8.21	75	23470	1.264	ug/L	97
45) 1,1,2-Trichloroethane	8.40	97	13607	1.229	ug/L	97
47) Tetrachloroethene	8.56	164	13114	1.045	ug/L	90
48) 2-Hexanone	8.69	43	97247	14.327	ug/L	99
49) Dibromochloromethane	8.82	129	14811	1.161	ug/L	99
50) 1,2-Dibromoethane	8.93	107	12640	1.164	ug/L	92
51) Chlorobenzene	9.45	112	44988	1.079	ug/L	98
52) Ethylbenzene	9.57	91	74866	1.050	ug/L	97
53) m,p-Xylene	9.69	106	25153	0.921	ug/L	99
54) o-Xylene	10.10	106	24430	0.917	ug/L	89
55) Styrene	10.11	104	42079	0.949	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.78	83	17247	1.215	ug/L	92
59) Bromoform	10.29	173	7974	1.111	ug/L	98
60) Isopropylbenzene	10.48	105	66800	0.950	ug/L	99
61) 1,2,3-Trichloropropane	10.82	75	13494	1.318	ug/L	99
62) 1,3,5-Trimethylbenzene	11.08	105	49047	0.821	ug/L	99
63) 1,2,4-Trimethylbenzene	11.46	105	50597	0.849	ug/L	98
64) 1,3-Dichlorobenzene	11.74	146	34325	1.043	ug/L	99
65) 1,4-Dichlorobenzene	11.83	146	36444	1.099	ug/L	98
67) 1,2-Dichlorobenzene	12.20	146	33325	1.052	ug/L	99
68) 1,2-Dibromo-3-chloropropan	13.00	75	3001	1.364	ug/L	92
69) 1,3,5-Trichlorobenzene	13.21	180	24094	0.974	ug/L	99
70) 1,2,4-trichlorobenzene	13.83	180	17671	0.960	ug/L	95
71) Naphthalene	14.08	128	25661	0.935	ug/L	98
72) 1,2,3-Trichlorobenzene	14.32	180	15774	0.951	ug/L	96

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

