

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011822\
 Data File : VU046775.D
 Acq On : 18 Jan 2022 11:13
 Operator : SY/MD
 Sample : VSTD00146
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001046

Quant Time: Jan 19 06:43:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 19 05:54:53 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/19/2022
 Supervised By : Mahesh Dadoda 01/19/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	129485	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	133614	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	73708	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	10877	1.055	ug/L	0.00
7) Chloroethane-d5	1.919	69	8454	1.032	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.572	65	4429	1.019	ug/L	0.00
20) 2-Butanone-d5	4.655	46	30327	9.803	ug/L	0.00
24) Chloroform-d	5.067	84	19777	1.056	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.707	65	10637	0.998	ug/L	0.00
32) Benzene-d6	5.732	84	38122	1.024	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.694	67	11518	1.028	ug/L	0.00
41) Toluene-d8	7.899	98	34479	1.016	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	4836	0.941	ug/L	0.00
46) 2-Hexanone-d5	8.639	63	26995	8.823	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	10812	0.930	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	13737	1.016	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	10757	0.587	ug/L	98
3) Chloromethane	1.523	50	8992	0.575	ug/L	95
5) Vinyl chloride	1.607	62	9596	0.618	ug/L	98
6) Bromomethane	1.864	94	5843	0.618	ug/L	96
8) Chloroethane	1.938	64	5535	0.610	ug/L	100
9) Trichlorofluoromethane	2.144	101	11159	0.552	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.585	101	6641	0.633	ug/L	93
12) 1,1-Dichloroethene	2.585	96	6158	0.580	ug/L	88
13) Acetone	2.700	43	14487m	5.562	ug/L	
14) Carbon disulfide	2.800	76	21167	0.612	ug/L	99
15) Methyl Acetate	2.964	43	3524	0.690	ug/L #	75
16) Methylene chloride	3.051	84	8221	0.637	ug/L	91
17) Methyl tert-butyl Ether	3.369	73	17921	0.589	ug/L	96
18) trans-1,2-Dichloroethene	3.356	96	7041	0.626	ug/L	91
19) 1,1-Dichloroethane	3.874	63	11589	0.565	ug/L	97
21) 2-Butanone	4.739	43	21487	5.507	ug/L #	62
22) cis-1,2-Dichloroethene	4.674	96	6947	0.564	ug/L	96
23) Bromochloromethane	4.983	128	3470	0.569	ug/L	83
25) Chloroform	5.092	83	32053	1.393	ug/L	96
27) 1,2-Dichloroethane	5.800	62	8235	0.527	ug/L	96
29) 1,1,1-Trichloroethane	5.318	97	10666	0.536	ug/L	94
30) Cyclohexane	5.391	56	10650	0.630	ug/L	92
31) Carbon tetrachloride	5.530	117	9194	0.549	ug/L	98
33) Benzene	5.777	78	28278	0.587	ug/L	100
34) Trichloroethene	6.546	95	7185	0.563	ug/L	95
35) Methylcyclohexane	6.764	83	11360	0.619	ug/L	95
37) 1,2-Dichloropropane	6.790	63	6893	0.567	ug/L	100
38) Bromodichloromethane	7.108	83	10460	0.618	ug/L	97
39) cis-1,3-Dichloropropene	7.607	75	10042	0.540	ug/L	99
40) 4-Methyl-2-pentanone	7.797	43	46637	5.088	ug/L #	94
42) Toluene	7.970	91	29104	0.585	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	9120	0.531	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.404	97	5627	0.533	ug/L	93
47) Tetrachloroethene	8.555	164	5838	0.630	ug/L	90
48) 2-Hexanone	8.690	43	36290	5.267	ug/L	97
49) Dibromochloromethane	8.813	129	7004	0.574	ug/L	91
50) 1,2-Dibromoethane	8.925	107	5527	0.538	ug/L #	99
51) Chlorobenzene	9.449	112	19451	0.604	ug/L	95
52) Ethylbenzene	9.571	91	30357	0.583	ug/L	98
53) m,p-Xylene	9.694	106	11364	0.567	ug/L	96
54) o-Xylene	10.102	106	11145	0.583	ug/L	97
55) Styrene	10.115	104	17853	0.542	ug/L	93
57) 1,1,2,2-Tetrachloroethane	10.784	83	7426	0.532	ug/L	94
59) Bromoform	10.292	173	3897	0.513	ug/L	96
60) Isopropylbenzene	10.485	105	29866	0.580	ug/L	98
61) 1,2,3-Trichloropropane	10.822	75	5550	0.508	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	22810	0.535	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	23372	0.544	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	15226	0.603	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	15709	0.607	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	15322	0.606	ug/L	93
68) 1,2-Dibromo-3-chloropr...	12.996	75	1083	0.433	ug/L #	83
69) 1,3,5-Trichlorobenzene	13.221	180	12005	0.624	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	9009	0.550	ug/L	96
71) Naphthalene	14.089	128	18058	0.510	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	8812	0.551	ug/L	93

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

