

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051424\
 Data File : VU058878.D
 Acq On : 14 May 2024 11:07
 Operator : MD/SY
 Sample : VSTD01065
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010065

Quant Time: May 15 00:28:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 15 00:25:35 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	170274	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	168345	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	86650	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	105409	10.080	ug/L	0.00
7) Chloroethane-d5	1.911	69	96780	10.367	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	65	42468	10.253	ug/L	0.00
20) 2-Butanone-d5	4.624	46	296897	114.405	ug/L	0.00
24) Chloroform-d	5.055	84	221012	10.651	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.695	65	110906	10.837	ug/L	0.00
32) Benzene-d6	5.721	84	415641	10.463	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	138431	10.801	ug/L	0.00
41) Toluene-d8	7.891	98	371990	10.563	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	50505	10.878	ug/L	0.00
46) 2-Hexanone-d5	8.624	63	257431	117.768	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	118677	10.690	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	139157	10.654	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	129318	11.156	ug/L	99
3) Chloromethane	1.518	50	144042	10.576	ug/L	98
5) Vinyl chloride	1.602	62	157209	10.729	ug/L	100
6) Bromomethane	1.856	94	97954	10.732	ug/L	97
8) Chloroethane	1.933	64	98685	10.744	ug/L	98
9) Trichlorofluoromethane	2.136	101	200809	10.929	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	122428	11.148	ug/L	100
12) 1,1-Dichloroethene	2.576	96	108180	10.832	ug/L	99
13) Acetone	2.640	43	195569	109.210	ug/L	98
14) Carbon disulfide	2.788	76	325465	10.199	ug/L	100
15) Methyl Acetate	2.952	43	47650	10.572	ug/L	97
16) Methylene chloride	3.039	84	128624	8.870	ug/L	94
17) Methyl tert-butyl Ether	3.354	73	290214	10.913	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	115890	10.780	ug/L	99
19) 1,1-Dichloroethane	3.862	63	238581	10.771	ug/L	98
21) 2-Butanone	4.705	43	322377	112.729	ug/L	96
22) cis-1,2-Dichloroethene	4.660	96	134976	10.740	ug/L	92
23) Bromochloromethane	4.968	128	58003	10.746	ug/L	95
25) Chloroform	5.081	83	243359	10.771	ug/L	97
27) 1,2-Dichloroethane	5.785	62	153172	10.934	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	194391	10.894	ug/L	100
30) Cyclohexane	5.383	56	192247	11.241	ug/L	100
31) Carbon tetrachloride	5.518	117	164820	11.091	ug/L	98
33) Benzene	5.766	78	522585	10.889	ug/L	100
34) Trichloroethene	6.534	95	138424	10.970	ug/L	95
35) Methylcyclohexane	6.756	83	206616	11.532	ug/L	99
37) 1,2-Dichloropropane	6.782	63	146165	10.737	ug/L	99
38) Bromodichloromethane	7.097	83	173019	10.795	ug/L	96
39) cis-1,3-Dichloropropene	7.598	75	208851	11.277	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	800736	109.836	ug/L	100
42) Toluene	7.962	91	562842	11.127	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	168458	10.946	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.393	97	101467	10.945	ug/L	96
47) Tetrachloroethene	8.547	164	98639	11.271	ug/L	98
48) 2-Hexanone	8.675	43	577003	107.142	ug/L	98
49) Dibromochloromethane	8.801	129	109985	10.889	ug/L	99
50) 1,2-Dibromoethane	8.917	107	92200	10.506	ug/L	99
51) Chlorobenzene	9.441	112	344360	10.788	ug/L	99
52) Ethylbenzene	9.563	91	611976	11.186	ug/L	98
53) m,p-Xylene	9.688	106	227800	11.168	ug/L	96
54) o-Xylene	10.093	106	224370	11.442	ug/L	98
55) Styrene	10.106	104	388036	11.484	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	130034	10.916	ug/L	99
59) Bromoform	10.283	173	66036	10.861	ug/L	100
60) Isopropylbenzene	10.476	105	607082	11.403	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	89273	10.710	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	498763	11.588	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	502763	11.688	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	280787	10.859	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	278714	10.554	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	263334	10.665	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.987	75	18231	10.310	ug/L	90
69) 1,3,5-Trichlorobenzene	13.212	180	212130	10.900	ug/L	97
70) 1,2,4-trichlorobenzene	13.833	180	183362	10.754	ug/L	99
71) Naphthalene	14.080	128	293080	10.384	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	161740	10.584	ug/L	100

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

