

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032124\
 Data File : VU058185.D
 Acq On : 21 Mar 2024 14:32
 Operator : MD/SY
 Sample : VSTD01046
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010046

Quant Time: Mar 22 04:41:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 22 04:38:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	95391	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	91993	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	47605	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	84770	12.099	ug/L	0.00
7) Chloroethane-d5	1.911	69	69321	11.984	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	65	36218	12.067	ug/L	0.00
20) 2-Butanone-d5	4.621	46	164448	140.402	ug/L	0.00
24) Chloroform-d	5.052	84	154144	11.768	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.692	65	72749	12.152	ug/L	0.00
32) Benzene-d6	5.718	84	317076	11.729	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	94172	11.516	ug/L	0.00
41) Toluene-d8	7.891	98	289561	11.872	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.171	79	32928	11.987	ug/L	0.00
46) 2-Hexanone-d5	8.624	63	134348	141.054	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	62618	12.523	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	92260	11.637	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	37750	7.053	ug/L	99
3) Chloromethane	1.518	50	46156	7.277	ug/L	97
5) Vinyl chloride	1.602	62	53415	7.880	ug/L	100
6) Bromomethane	1.856	94	29385	8.138	ug/L	99
8) Chloroethane	1.930	64	35716	8.243	ug/L	99
9) Trichlorofluoromethane	2.136	101	85073	8.571	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	55065	8.809	ug/L	98
12) 1,1-Dichloroethene	2.576	96	47083	8.636	ug/L	99
13) Acetone	2.641	43	96138	115.556	ug/L	98
14) Carbon disulfide	2.788	76	106889	6.567	ug/L	100
15) Methyl Acetate	2.949	43	18686	10.113	ug/L	91
16) Methylene chloride	3.039	84	56629	8.369	ug/L	98
17) Methyl tert-butyl Ether	3.351	73	128210	9.671	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	50342	8.446	ug/L	98
19) 1,1-Dichloroethane	3.859	63	111997	9.230	ug/L	100
21) 2-Butanone	4.702	43	146399	111.593	ug/L	98
22) cis-1,2-Dichloroethene	4.657	96	61461	9.207	ug/L	96
23) Bromochloromethane	4.965	128	24308	9.765	ug/L	97
25) Chloroform	5.078	83	115162	9.240	ug/L	96
27) 1,2-Dichloroethane	5.785	62	65469	9.498	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	94140	8.903	ug/L	99
30) Cyclohexane	5.380	56	83184	8.048	ug/L	98
31) Carbon tetrachloride	5.518	117	79520	8.744	ug/L	99
33) Benzene	5.766	78	240214	8.839	ug/L	100
34) Trichloroethene	6.534	95	61536	8.604	ug/L	98
35) Methylcyclohexane	6.756	83	89768	8.404	ug/L	97
37) 1,2-Dichloropropane	6.782	63	67213	9.510	ug/L	100
38) Bromodichloromethane	7.097	83	79030	9.280	ug/L	99
39) cis-1,3-Dichloropropene	7.599	75	91794	9.538	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	348928	106.580	ug/L	100
42) Toluene	7.962	91	255555	9.060	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	75349	9.814	ug/L	99

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45) 1,1,2-Trichloroethane	8.393	97	42207	9.974	ug/L	98
47) Tetrachloroethene	8.547	164	43148	8.728	ug/L	99
48) 2-Hexanone	8.676	43	264919	110.645	ug/L	96
49) Dibromochloromethane	8.801	129	49878	10.087	ug/L	95
50) 1,2-Dibromoethane	8.917	107	37617	10.074	ug/L	98
51) Chlorobenzene	9.438	112	161988	9.061	ug/L	99
52) Ethylbenzene	9.563	91	290402	9.178	ug/L	98
53) m,p-Xylene	9.685	106	107857	9.571	ug/L	96
54) o-Xylene	10.094	106	106691	9.404	ug/L	99
55) Styrene	10.106	104	176063	9.960	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.772	83	50044	10.028	ug/L	100
59) Bromoform	10.283	173	25134	9.642	ug/L #	96
60) Isopropylbenzene	10.476	105	275595	8.923	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	37609	9.759	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	238945	9.176	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	239737	9.357	ug/L	97
64) 1,3-Dichlorobenzene	11.740	146	127426	9.015	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	122296	8.863	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	116270	9.374	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	7298	9.625	ug/L	91
69) 1,3,5-Trichlorobenzene	13.212	180	93120	9.188	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	74921	9.889	ug/L	97
71) Naphthalene	14.081	128	108669	10.503	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	61084	10.095	ug/L	97

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

