

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082324\
 Data File : VU060511.D
 Acq On : 23 Aug 2024 13:31
 Operator : MD/SY
 Sample : VSTD01015
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010015

Quant Time: Aug 24 01:20:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 24 01:18:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	98177	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	100270	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	56207	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	43691	10.076	ug/L	0.00
7) Chloroethane-d5	1.911	69	64527	9.822	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	27977	10.947	ug/L	0.00
20) 2-Butanone-d5	4.628	46	168578	113.052	ug/L	0.00
24) Chloroform-d	5.055	84	134003	10.839	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.695	65	69289	10.741	ug/L	0.00
32) Benzene-d6	5.718	84	239951	10.944	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	75898	10.729	ug/L	0.00
41) Toluene-d8	7.891	98	225636	10.969	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	29116	11.502	ug/L	0.00
46) 2-Hexanone-d5	8.627	63	182747	150.776	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	66007	10.486	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	88161	10.638	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	111162	9.978	ug/L	99
3) Chloromethane	1.518	50	88036	9.120	ug/L	98
5) Vinyl chloride	1.602	62	93693	9.857	ug/L	99
6) Bromomethane	1.856	94	88133	9.214	ug/L	94
8) Chloroethane	1.930	64	79745	9.195	ug/L	99
9) Trichlorofluoromethane	2.133	101	191226	9.254	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	81827	9.360	ug/L	99
12) 1,1-Dichloroethene	2.570	96	73499	9.134	ug/L	87
13) Acetone	2.647	43	112452	89.362	ug/L	96
14) Carbon disulfide	2.788	76	232363	8.899	ug/L	99
15) Methyl Acetate	2.956	43	28371	11.300	ug/L	95
16) Methylene chloride	3.039	84	76929	9.843	ug/L	91
17) Methyl tert-butyl Ether	3.358	73	172677	10.574	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	71810	10.251	ug/L	96
19) 1,1-Dichloroethane	3.859	63	143171	10.086	ug/L	95
21) 2-Butanone	4.708	43	184105	107.894	ug/L	96
22) cis-1,2-Dichloroethene	4.657	96	81882	10.490	ug/L	98
23) Bromochloromethane	4.965	128	36836	10.384	ug/L	95
25) Chloroform	5.078	83	151434	10.080	ug/L	99
27) 1,2-Dichloroethane	5.785	62	99330	9.851	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	139067	10.126	ug/L	98
30) Cyclohexane	5.380	56	123143	10.831	ug/L	98
31) Carbon tetrachloride	5.515	117	128346	10.112	ug/L	99
33) Benzene	5.766	78	320885	10.090	ug/L	100
34) Trichloroethene	6.534	95	83009	9.629	ug/L	99
35) Methylcyclohexane	6.756	83	127909	10.814	ug/L	98
37) 1,2-Dichloropropane	6.782	63	84624	10.385	ug/L	# 98
38) Bromodichloromethane	7.097	83	108542	10.137	ug/L	99
39) cis-1,3-Dichloropropene	7.599	75	124641	10.432	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	457889	107.892	ug/L	99
42) Toluene	7.962	91	354095	10.536	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	109317	11.145	ug/L	96

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45) 1,1,2-Trichloroethane	8.393	97	59731	10.119	ug/L	98
47) Tetrachloroethene	8.547	164	83722	11.849	ug/L	99
48) 2-Hexanone	8.676	43	378825	121.484	ug/L	98
49) Dibromochloromethane	8.801	129	71952	10.528	ug/L	98
50) 1,2-Dibromoethane	8.914	107	57226	10.560	ug/L #	92
51) Chlorobenzene	9.441	112	221715	10.191	ug/L	98
52) Ethylbenzene	9.563	91	382060	10.728	ug/L	98
53) m,p-Xylene	9.685	106	151430	11.437	ug/L	99
54) o-Xylene	10.094	106	144717	10.677	ug/L	100
55) Styrene	10.106	104	250728	11.289	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	73301	9.726	ug/L	98
59) Bromoform	10.283	173	44976	9.737	ug/L	98
60) Isopropylbenzene	10.476	105	389537	10.374	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	54128	9.983	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	317915	11.360	ug/L	98
63) 1,2,4-Trimethylbenzene	11.460	105	319917	11.206	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	183220	9.970	ug/L	97
65) 1,4-Dichlorobenzene	11.830	146	181884	9.753	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	169776	9.847	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	11885	9.711	ug/L	90
69) 1,3,5-Trichlorobenzene	13.212	180	138052	9.742	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	148111	12.955	ug/L	97
71) Naphthalene	14.081	128	212914	14.577	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	121612	12.711	ug/L	99

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

