

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082224\
 Data File : VU060505.D
 Acq On : 22 Aug 2024 15:45
 Operator : MD/SY
 Sample : VSTD02010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020010

Quant Time: Aug 23 06:35:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 23 06:32:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	90369	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	90313	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	51175	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	80750	12.596	ug/L	0.00
7) Chloroethane-d5	1.911	69	110639	17.934	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.557	65	45709	16.165	ug/L	0.00
20) 2-Butanone-d5	4.624	46	332272	222.268	ug/L	0.00
24) Chloroform-d	5.052	84	249148	18.458	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.692	65	129561	20.057	ug/L	0.00
32) Benzene-d6	5.717	84	447835	17.372	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	145712	18.031	ug/L	0.00
41) Toluene-d8	7.891	98	417621	18.248	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.171	79	55926	21.312	ug/L	0.00
46) 2-Hexanone-d5	8.627	63	281305	242.947	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	122799	18.619	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	165291	19.245	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	206365	34.125	ug/L	97
3) Chloromethane	1.518	50	171217	25.912	ug/L	97
5) Vinyl chloride	1.602	62	166780	22.670	ug/L	99
6) Bromomethane	1.853	94	143740	25.840	ug/L	98
8) Chloroethane	1.930	64	139599	26.102	ug/L	94
9) Trichlorofluoromethane	2.129	101	319628	28.484	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	137082	20.558	ug/L	98
12) 1,1-Dichloroethene	2.573	96	126994	21.146	ug/L	94
13) Acetone	2.644	43	221256	215.059	ug/L	99
14) Carbon disulfide	2.785	76	436174	26.481	ug/L	100
15) Methyl Acetate	2.949	43	55786	24.845	ug/L #	65
16) Methylene chloride	3.036	84	141053	16.530	ug/L	99
17) Methyl tert-butyl Ether	3.357	73	334398	23.456	ug/L	98
18) trans-1,2-Dichloroethene	3.345	96	134097	22.651	ug/L	98
19) 1,1-Dichloroethane	3.859	63	274998	22.118	ug/L	97
21) 2-Butanone	4.705	43	375629	239.616	ug/L	99
22) cis-1,2-Dichloroethene	4.656	96	151363	21.388	ug/L	96
23) Bromochloromethane	4.965	128	66621	20.531	ug/L	95
25) Chloroform	5.078	83	281553	21.150	ug/L	98
27) 1,2-Dichloroethane	5.785	62	187296	25.136	ug/L	96
29) 1,1,1-Trichloroethane	5.306	97	250004	24.043	ug/L	100
30) Cyclohexane	5.380	56	248913	28.934	ug/L	99
31) Carbon tetrachloride	5.515	117	227188	24.766	ug/L	99
33) Benzene	5.766	78	594526	22.520	ug/L	100
34) Trichloroethene	6.534	95	159503	22.880	ug/L	97
35) Methylcyclohexane	6.756	83	257441	27.717	ug/L	94
37) 1,2-Dichloropropane	6.782	63	160505	22.222	ug/L	99
38) Bromodichloromethane	7.097	83	199721	22.346	ug/L	99
39) cis-1,3-Dichloropropene	7.598	75	245523	24.983	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	938174	272.969	ug/L	99
42) Toluene	7.962	91	659833	23.596	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	207890	25.434	ug/L	99

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45) 1,1,2-Trichloroethane	8.393	97	109013	20.175	ug/L	96
47) Tetrachloroethene	8.547	164	128035	23.257	ug/L	98
48) 2-Hexanone	8.679	43	695331	269.689	ug/L	98
49) Dibromochloromethane	8.801	129	133182	23.048	ug/L	99
50) 1,2-Dibromoethane	8.917	107	104016	21.596	ug/L #	96
51) Chlorobenzene	9.438	112	407880	21.748	ug/L	99
52) Ethylbenzene	9.563	91	733836	24.758	ug/L	100
53) m,p-Xylene	9.685	106	280424	25.009	ug/L	99
54) o-Xylene	10.094	106	268817	25.139	ug/L	99
55) Styrene	10.106	104	465271	25.224	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	136421	20.467	ug/L #	96
59) Bromoform	10.283	173	82593	22.221	ug/L	97
60) Isopropylbenzene	10.476	105	734752	24.778	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	100049	21.334	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	613105	26.810	ug/L	98
63) 1,2,4-Trimethylbenzene	11.460	105	619611	26.224	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	338664	21.235	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	341208	21.357	ug/L	100
67) 1,2-Dichlorobenzene	12.203	146	319300	22.618	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.987	75	23354	26.340	ug/L	99
69) 1,3,5-Trichlorobenzene	13.212	180	260457	22.936	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	215748	24.313	ug/L	97
71) Naphthalene	14.077	128	429408	34.562	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	264910	33.493	ug/L	99

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

