

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082324\
 Data File : VU060510.D
 Acq On : 23 Aug 2024 13:06
 Operator : MD/SY
 Sample : VSTD00514
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005014

Quant Time: Aug 24 01:19:32 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	95034	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	97150	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	51113	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	18229	4.343	ug/L	0.00
7) Chloroethane-d5	1.910	69	31948	5.024	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.557	65	15318	6.192	ug/L	0.00
20) 2-Butanone-d5	4.634	46	72428	50.178	ug/L	0.00
24) Chloroform-d	5.055	84	61000	5.097	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.698	65	32067	5.135	ug/L	0.00
32) Benzene-d6	5.721	84	105606	4.971	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	34040	4.966	ug/L	0.00
41) Toluene-d8	7.891	98	101181	5.077	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	12706	5.180	ug/L	0.00
46) 2-Hexanone-d5	8.627	63	55996	47.683	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.749	84	38969	6.389	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	37180	4.933	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	53868	4.995	ug/L	100
3) Chloromethane	1.518	50	41672	4.460	ug/L	100
5) Vinyl chloride	1.602	62	40660	4.419	ug/L	100
6) Bromomethane	1.856	94	45927	4.960	ug/L	100
8) Chloroethane	1.930	64	41384	4.930	ug/L	100
9) Trichlorofluoromethane	2.132	101	98819	4.940	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	51574	6.094	ug/L	100
12) 1,1-Dichloroethene	2.573	96	48532	6.231	ug/L	100
13) Acetone	2.647	43	74740	61.358	ug/L	100
14) Carbon disulfide	2.788	76	150746	5.964	ug/L	100
15) Methyl Acetate	2.955	43	12312	5.066	ug/L	100
16) Methylene chloride	3.039	84	36631	4.842	ug/L	100
17) Methyl tert-butyl Ether	3.357	73	77804	4.922	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	33686	4.968	ug/L	100
19) 1,1-Dichloroethane	3.862	63	68274	4.969	ug/L	100
21) 2-Butanone	4.714	43	78809	47.713	ug/L	100
22) cis-1,2-Dichloroethene	4.660	96	36922	4.887	ug/L	100
23) Bromochloromethane	4.968	128	17354	5.054	ug/L	100
25) Chloroform	5.078	83	73089	5.026	ug/L	100
27) 1,2-Dichloroethane	5.785	62	46839	4.799	ug/L	100
29) 1,1,1-Trichloroethane	5.306	97	64832	4.872	ug/L	100
30) Cyclohexane	5.380	56	53086	4.819	ug/L	100
31) Carbon tetrachloride	5.515	117	59747	4.859	ug/L	100
33) Benzene	5.766	78	149212	4.843	ug/L	100
34) Trichloroethene	6.534	95	41799	5.005	ug/L	100
35) Methylcyclohexane	6.756	83	56051	4.891	ug/L	100
37) 1,2-Dichloropropane	6.785	63	39458	4.998	ug/L	100
38) Bromodichloromethane	7.097	83	50051	4.824	ug/L	100
39) cis-1,3-Dichloropropene	7.602	75	57092	4.932	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	206730	50.276	ug/L	100
42) Toluene	7.962	91	163660	5.026	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	48627	5.117	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.393	97	27773	4.856	ug/L	100
47) Tetrachloroethene	8.547	164	36458	5.326	ug/L	100
48) 2-Hexanone	8.679	43	152954	50.626	ug/L	100
49) Dibromochloromethane	8.801	129	34201	5.165	ug/L	100
50) 1,2-Dibromoethane	8.917	107	26137	4.978	ug/L	100
51) Chlorobenzene	9.441	112	103854	4.927	ug/L	100
52) Ethylbenzene	9.566	91	185347	5.371	ug/L	100
53) m,p-Xylene	9.688	106	67343	5.250	ug/L	100
54) o-Xylene	10.093	106	63824	4.860	ug/L	100
55) Styrene	10.110	104	109032	5.067	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	42025	5.755	ug/L	100
59) Bromoform	10.286	173	21062	5.014	ug/L	100
60) Isopropylbenzene	10.479	105	239080	7.001	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	24688	5.007	ug/L	100
62) 1,3,5-Trimethylbenzene	11.081	105	133521	5.246	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	135102	5.204	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	84693	5.068	ug/L	100
65) 1,4-Dichlorobenzene	11.830	146	83625	4.931	ug/L	100
67) 1,2-Dichlorobenzene	12.206	146	77107	4.918	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.990	75	5374	4.829	ug/L	100
69) 1,3,5-Trichlorobenzene	13.212	180	61353	4.761	ug/L	100
70) 1,2,4-trichlorobenzene	13.833	180	45634	4.389	ug/L	100
71) Naphthalene	14.080	128	59449	4.476	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	41046	4.718	ug/L	100

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

