

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013024\
 Data File : VU057756.D
 Acq On : 30 Jan 2024 20:13
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005139

Quant Time: Jan 30 22:40:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jan 30 22:31:02 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.241	114	64210	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	58817	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	27976	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	18152	5.131	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 102.600%	
7) Chloroethane-d5	1.910	69	15714	5.301	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 106.000%	
11) 1,1-Dichloroethene-d2	2.563	65	8336	5.011	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 100.200%	
20) 2-Butanone-d5	4.627	46	37348	55.960	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 111.920%	
24) Chloroform-d	5.055	84	36913	5.140	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 102.800%	
26) 1,2-Dichloroethane-d4	5.695	65	18054	5.533	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 110.600%	
32) Benzene-d6	5.721	84	72574	5.260	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 105.200%	
36) 1,2-Dichloropropane-d6	6.685	67	21848	5.250	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 105.000%	
41) Toluene-d8	7.891	98	67429	5.149	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 103.000%	
43) trans-1,3-Dichloroprop...	8.177	79	7866	4.743	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 94.800%	
46) 2-Hexanone-d5	8.627	63	30013	56.718	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 113.440%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	15342	5.500	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 110.000%	
66) 1,2-Dichlorobenzene-d4	12.187	152	21410	5.453	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 109.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	21627	3.975	ug/L	100
3) Chloromethane	1.518	50	21998	4.041	ug/L	99
5) Vinyl chloride	1.602	62	24430	4.216	ug/L	99
6) Bromomethane	1.856	94	12601	4.171	ug/L	94
8) Chloroethane	1.933	64	16029	4.619	ug/L	96
9) Trichlorofluoromethane	2.132	101	37687	4.367	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	21272	4.240	ug/L	98
12) 1,1-Dichloroethene	2.576	96	19617	4.204	ug/L	97
13) Acetone	2.644	43	26004	41.004	ug/L	100
14) Carbon disulfide	2.788	76	61226	4.047	ug/L	99
15) Methyl Acetate	2.952	43	6750	4.137	ug/L	95
16) Methylene chloride	3.039	84	22278	4.447	ug/L	96
17) Methyl tert-butyl Ether	3.354	73	48922	4.409	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	20977	4.268	ug/L	99
19) 1,1-Dichloroethane	3.862	63	40318	4.442	ug/L	98
21) 2-Butanone	4.708	43	41465	41.683	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	23305	4.410	ug/L	99
23) Bromochloromethane	4.965	128	9232	4.349	ug/L	95
25) Chloroform	5.081	83	42230	4.385	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	26137	4.659	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	36692	4.250	ug/L	99
30) Cyclohexane	5.380	56	34145	4.099	ug/L	99
31) Carbon tetrachloride	5.518	117	32084	4.212	ug/L	99
33) Benzene	5.769	78	89921	4.457	ug/L	100
34) Trichloroethene	6.537	95	24124	4.337	ug/L	98
35) Methylcyclohexane	6.756	83	36229	4.032	ug/L	98
37) 1,2-Dichloropropane	6.785	63	22702	4.498	ug/L	100
38) Bromodichloromethane	7.100	83	28812	4.242	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	32611	4.158	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	102823	42.695	ug/L	99
42) Toluene	7.965	91	95052	4.370	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	26368	4.137	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	14695	4.476	ug/L	99
47) Tetrachloroethene	8.547	164	16654	4.075	ug/L	98
48) 2-Hexanone	8.679	43	75355	44.591	ug/L	99
49) Dibromochloromethane	8.804	129	17919	4.215	ug/L	97
50) 1,2-Dibromoethane	8.917	107	13683	4.295	ug/L	100
51) Chlorobenzene	9.441	112	58764	4.307	ug/L	98
52) Ethylbenzene	9.566	91	104906	4.280	ug/L	99
53) m,p-Xylene	9.688	106	37929	4.194	ug/L	96
54) o-Xylene	10.093	106	37570	4.262	ug/L	99
55) Styrene	10.109	104	57791	4.285	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	17388	4.366	ug/L	98
59) Bromoform	10.286	173	9209	4.052	ug/L	97
60) Isopropylbenzene	10.479	105	92337	4.213	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	12317	4.387	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	82004	4.198	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	82496	4.220	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	41207	4.118	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	40048	4.182	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	38421	4.303	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.990	75	2477	4.686	ug/L	95
69) 1,3,5-Trichlorobenzene	13.212	180	30521	4.156	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	22985	4.272	ug/L	99
71) Naphthalene	14.084	128	33850	4.445	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	18250	4.358	ug/L	99

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

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