

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042924\
 Data File : VU058808.D
 Acq On : 29 Apr 2024 09:33
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005094

Quant Time: Apr 30 06:04:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 26 02:12:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	68231	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	63248	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	30392	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.590	65	18107	3.374	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	67.400%	
7) Chloroethane-d5	1.905	69	14287	3.533	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	70.600%	
11) 1,1-Dichloroethene-d2	2.557	65	11199	4.145	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	82.800%	
20) 2-Butanone-d5	4.612	46	37471	39.738	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	79.480%	
24) Chloroform-d	5.049	84	52778	4.810	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.200%	
26) 1,2-Dichloroethane-d4	5.692	65	26571	4.997	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.000%	
32) Benzene-d6	5.718	84	89491	4.445	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.000%	
36) 1,2-Dichloropropane-d6	6.679	67	25065	4.174	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	83.400%	
41) Toluene-d8	7.892	98	82619	4.585	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.800%	
43) trans-1,3-Dichloroprop...	8.175	79	10715	4.901	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	98.000%	
46) 2-Hexanone-d5	8.625	63	28330	43.732	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	87.460%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	16747	4.579	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	91.600%	
66) 1,2-Dichlorobenzene-d4	12.187	152	27407	5.174	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	103.400%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.374	85	38877	5.203	ug/L	99
3) Chloromethane	1.512	50	22230	3.800	ug/L	99
5) Vinyl chloride	1.596	62	23741	4.000	ug/L	97
6) Bromomethane	1.847	94	13730	3.909	ug/L	90
8) Chloroethane	1.924	64	13609	4.071	ug/L	99
9) Trichlorofluoromethane	2.130	101	49225	5.299	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.574	101	27568	4.979	ug/L	95
12) 1,1-Dichloroethene	2.570	96	23310	4.691	ug/L	97
13) Acetone	2.615	43	28772	44.148	ug/L	97
14) Carbon disulfide	2.786	76	76038	4.499	ug/L	100
15) Methyl Acetate	2.940	43	6735	4.310	ug/L	98
16) Methylene chloride	3.030	84	25440	4.758	ug/L	89
17) Methyl tert-butyl Ether	3.345	73	55713	4.953	ug/L	99
18) trans-1,2-Dichloroethene	3.342	96	25184	5.060	ug/L	96
19) 1,1-Dichloroethane	3.856	63	49134	4.662	ug/L	97
21) 2-Butanone	4.689	43	40136	39.164	ug/L	95
22) cis-1,2-Dichloroethene	4.654	96	26394	4.827	ug/L	94
23) Bromochloromethane	4.966	128	11313	5.285	ug/L #	85
25) Chloroform	5.078	83	55240	5.042	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.786	62	33615	5.129	ug/L	98
29) 1,1,1-Trichloroethane	5.303	97	53380	5.655	ug/L	97
30) Cyclohexane	5.377	56	38812	4.356	ug/L	89
31) Carbon tetrachloride	5.516	117	48883	5.859	ug/L	100
33) Benzene	5.763	78	105296	4.812	ug/L	100
34) Trichloroethene	6.535	95	30562	5.133	ug/L	98
35) Methylcyclohexane	6.753	83	43396	4.796	ug/L	96
37) 1,2-Dichloropropane	6.782	63	25433	4.449	ug/L #	97
38) Bromodichloromethane	7.097	83	37934	5.357	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	39728	5.020	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	105497	41.815	ug/L #	96
42) Toluene	7.962	91	113967	5.039	ug/L	99
44) trans-1,3-Dichloropropene	8.204	75	31816	5.222	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	16281	4.950	ug/L	96
47) Tetrachloroethene	8.548	164	23462	5.614	ug/L	96
48) 2-Hexanone	8.676	43	74854	41.766	ug/L	95
49) Dibromochloromethane	8.802	129	22072	5.730	ug/L	95
50) 1,2-Dibromoethane	8.917	107	14894	4.922	ug/L	95
51) Chlorobenzene	9.441	112	70951	5.149	ug/L	99
52) Ethylbenzene	9.564	91	129363	5.186	ug/L	99
53) m,p-Xylene	9.689	106	48786	5.325	ug/L	94
54) o-Xylene	10.094	106	45018	5.184	ug/L	99
55) Styrene	10.107	104	75877	5.363	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.776	83	17158	4.476	ug/L #	98
59) Bromoform	10.284	173	12350	5.802	ug/L	97
60) Isopropylbenzene	10.477	105	130824	5.426	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	13651	4.935	ug/L	97
62) 1,3,5-Trimethylbenzene	11.081	105	110874	5.526	ug/L	100
63) 1,2,4-Trimethylbenzene	11.461	105	106466	5.609	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	58087	5.590	ug/L	97
65) 1,4-Dichlorobenzene	11.830	146	55580	5.482	ug/L	99
67) 1,2-Dichlorobenzene	12.207	146	50283	5.590	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	2792	5.841	ug/L	86
69) 1,3,5-Trichlorobenzene	13.213	180	43445	5.844	ug/L	98
70) 1,2,4-trichlorobenzene	13.834	180	28748	5.563	ug/L	99
71) Naphthalene	14.084	128	31062	4.968	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	22856	5.581	ug/L	99

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

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