

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040924\
 Data File : VU058527.D
 Acq On : 09 Apr 2024 19:58
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005189

Quant Time: Apr 10 01:18:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 10 01:12:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	71927	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	70348	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	35216	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	24750	5.197	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 104.000%	
7) Chloroethane-d5	1.904	69	21140	5.108	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 102.200%	
11) 1,1-Dichloroethene-d2	2.557	65	11157	5.176	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 103.600%	
20) 2-Butanone-d5	4.624	46	44988	44.829	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 89.660%	
24) Chloroform-d	5.052	84	47403	4.986	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 99.800%	
26) 1,2-Dichloroethane-d4	5.695	65	21112	4.759	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 95.200%	
32) Benzene-d6	5.718	84	93019	4.911	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 98.200%	
36) 1,2-Dichloropropane-d6	6.682	67	28238	4.754	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 95.000%	
41) Toluene-d8	7.891	98	83994	5.001	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 100.000%	
43) trans-1,3-Dichloroprop...	8.174	79	8394	4.553	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 91.000%	
46) 2-Hexanone-d5	8.628	63	33144	43.585	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 87.180%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	17505	4.175	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 83.400%	
66) 1,2-Dichlorobenzene-d4	12.187	152	24628	4.152	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 83.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.377	85	30208	5.039	ug/L	100
3) Chloromethane	1.512	50	38295	5.219	ug/L	99
5) Vinyl chloride	1.596	62	39145	5.342	ug/L	97
6) Bromomethane	1.850	94	18468	5.327	ug/L	100
8) Chloroethane	1.927	64	24851	5.368	ug/L	98
9) Trichlorofluoromethane	2.133	101	51205	5.292	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	30049	5.226	ug/L	96
12) 1,1-Dichloroethene	2.573	96	26944	5.286	ug/L	95
13) Acetone	2.637	43	41565	48.527	ug/L	98
14) Carbon disulfide	2.785	76	82592	5.101	ug/L	99
15) Methyl Acetate	2.949	43	11858	5.867	ug/L	96
16) Methylene chloride	3.033	84	33258	4.916	ug/L	98
17) Methyl tert-butyl Ether	3.351	73	63535	5.277	ug/L	99
18) trans-1,2-Dichloroethene	3.342	96	28856	5.401	ug/L	94
19) 1,1-Dichloroethane	3.856	63	64677	5.546	ug/L	99
21) 2-Butanone	4.702	43	65546	51.198	ug/L	97
22) cis-1,2-Dichloroethene	4.657	96	32640	5.440	ug/L	99
23) Bromochloromethane	4.965	128	13018	5.507	ug/L	97
25) Chloroform	5.075	83	63855	5.658	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	37927	5.518	ug/L	97
29) 1,1,1-Trichloroethane	5.306	97	49843	5.285	ug/L	97
30) Cyclohexane	5.380	56	50754	5.095	ug/L	99
31) Carbon tetrachloride	5.515	117	43068	5.392	ug/L	98
33) Benzene	5.763	78	136222	5.342	ug/L	100
34) Trichloroethene	6.534	95	33429	5.201	ug/L	99
35) Methylcyclohexane	6.753	83	48079	4.964	ug/L	96
37) 1,2-Dichloropropane	6.782	63	37266	5.554	ug/L	100
38) Bromodichloromethane	7.097	83	41896	5.471	ug/L	99
39) cis-1,3-Dichloropropene	7.599	75	43877	5.143	ug/L	96
40) 4-Methyl-2-pentanone	7.782	43	169040	53.528	ug/L	100
42) Toluene	7.962	91	140811	5.264	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	35402	5.262	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	21273	5.429	ug/L	99
47) Tetrachloroethene	8.547	164	23027	4.887	ug/L	96
48) 2-Hexanone	8.676	43	117319	52.330	ug/L	99
49) Dibromochloromethane	8.801	129	24086	5.317	ug/L	99
50) 1,2-Dibromoethane	8.917	107	18799	5.246	ug/L	96
51) Chlorobenzene	9.441	112	83490	5.159	ug/L	99
52) Ethylbenzene	9.563	91	145750	5.143	ug/L	100
53) m,p-Xylene	9.685	106	51583	5.084	ug/L	97
54) o-Xylene	10.094	106	52300	5.257	ug/L	99
55) Styrene	10.107	104	85037	5.313	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	25672	5.311	ug/L	97
59) Bromoform	10.283	173	12291	5.224	ug/L	97
60) Isopropylbenzene	10.476	105	131529	5.102	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	18331	5.102	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	106837	5.082	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	108084	5.035	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	61167	4.884	ug/L	97
65) 1,4-Dichlorobenzene	11.830	146	59897	4.909	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	55899	4.907	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.991	75	3460	5.678	ug/L	93
69) 1,3,5-Trichlorobenzene	13.213	180	42560	4.596	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	29587	4.143	ug/L	98
71) Naphthalene	14.084	128	33441	3.417	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	24012	4.072	ug/L	99

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

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