

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041024\
 Data File : VU058595.D
 Acq On : 11 Apr 2024 07:19
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005193

Quant Time: Apr 11 07:30:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 11 02:34:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	83244	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	80652	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	39589	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	23185	4.207	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.200%
7) Chloroethane-d5	1.907	69	21571	4.504	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.000%
11) 1,1-Dichloroethene-d2	2.560	65	10620	4.257	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.200%
20) 2-Butanone-d5	4.621	46	45777	39.414	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.820%
24) Chloroform-d	5.052	84	48452	4.404	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
26) 1,2-Dichloroethane-d4	5.692	65	22443	4.371	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.400%
32) Benzene-d6	5.718	84	92628	4.266	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.400%
36) 1,2-Dichloropropane-d6	6.682	67	28591	4.199	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.000%
41) Toluene-d8	7.891	98	83442	4.333	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.600%
43) trans-1,3-Dichloroprop...	8.174	79	8110	3.837	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.800%
46) 2-Hexanone-d5	8.627	63	34398	39.455	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.920%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	18418	3.831	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	76.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	24312	3.646	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	73.000%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.377	85	26761	3.857	ug/L	99
3) Chloromethane	1.515	50	35838	4.220	ug/L	98
5) Vinyl chloride	1.599	62	36630	4.319	ug/L	98
6) Bromomethane	1.853	94	13780	3.435	ug/L	98
8) Chloroethane	1.927	64	25791	4.814	ug/L	98
9) Trichlorofluoromethane	2.132	101	49314	4.403	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	27682	4.160	ug/L	96
12) 1,1-Dichloroethene	2.573	96	25766	4.367	ug/L	98
13) Acetone	2.634	43	38552	38.890	ug/L	100
14) Carbon disulfide	2.785	76	79329	4.233	ug/L	99
15) Methyl Acetate	2.949	43	11829	5.057	ug/L	95
16) Methylene chloride	3.036	84	31294	3.997	ug/L	99
17) Methyl tert-butyl Ether	3.351	73	60807	4.364	ug/L	98
18) trans-1,2-Dichloroethene	3.345	96	28054	4.537	ug/L	97
19) 1,1-Dichloroethane	3.856	63	63506	4.706	ug/L	99
21) 2-Butanone	4.701	43	62524	42.198	ug/L	100
22) cis-1,2-Dichloroethene	4.656	96	31279	4.505	ug/L	94
23) Bromochloromethane	4.965	128	12475	4.560	ug/L	96
25) Chloroform	5.074	83	61935	4.742	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	36872	4.636	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	48970	4.529	ug/L	98
30) Cyclohexane	5.380	56	46855	4.103	ug/L	99
31) Carbon tetrachloride	5.515	117	41729	4.557	ug/L	100
33) Benzene	5.766	78	132037	4.516	ug/L	100
34) Trichloroethene	6.534	95	32098	4.356	ug/L	94
35) Methylcyclohexane	6.756	83	42339	3.813	ug/L	96
37) 1,2-Dichloropropane	6.782	63	36795	4.784	ug/L	100
38) Bromodichloromethane	7.097	83	41113	4.683	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	40009	4.091	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	166264	45.922	ug/L	99
42) Toluene	7.962	91	137012	4.468	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	32998	4.278	ug/L	100
45) 1,1,2-Trichloroethane	8.393	97	21125	4.702	ug/L	95
47) Tetrachloroethene	8.547	164	22413	4.149	ug/L	97
48) 2-Hexanone	8.679	43	115327	44.869	ug/L	99
49) Dibromochloromethane	8.801	129	23642	4.552	ug/L	98
50) 1,2-Dibromoethane	8.917	107	17942	4.367	ug/L	98
51) Chlorobenzene	9.441	112	80414	4.334	ug/L	99
52) Ethylbenzene	9.563	91	143484	4.417	ug/L	100
53) m,p-Xylene	9.688	106	51149	4.397	ug/L	100
54) o-Xylene	10.094	106	50698	4.445	ug/L	99
55) Styrene	10.106	104	83207	4.535	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	25485	4.599	ug/L	97
59) Bromoform	10.283	173	11889	4.495	ug/L	98
60) Isopropylbenzene	10.476	105	129093	4.454	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	18174	4.499	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	99745	4.220	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	103310	4.281	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	59324	4.214	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	58068	4.234	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	52676	4.113	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	3273	4.778	ug/L #	82
69) 1,3,5-Trichlorobenzene	13.212	180	40043	3.846	ug/L	100
70) 1,2,4-trichlorobenzene	13.833	180	27972	3.484	ug/L	98
71) Naphthalene	14.084	128	31070	2.824	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	23702	3.575	ug/L	100

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

