

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040824\
 Data File : VU058456.D
 Acq On : 08 Apr 2024 09:31
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005185

Quant Time: Apr 09 04:16:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 06 00:37:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.241	114	83824	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	80226	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	38964	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	18616	3.354	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.000%
7) Chloroethane-d5	1.907	69	19006	3.941	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.800%
11) 1,1-Dichloroethene-d2	2.560	65	8948	3.562	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.200%
20) 2-Butanone-d5	4.624	46	60056	51.350	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.700%
24) Chloroform-d	5.052	84	51465	4.645	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
26) 1,2-Dichloroethane-d4	5.695	65	23115	4.471	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
32) Benzene-d6	5.721	84	89975	4.166	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.400%
36) 1,2-Dichloropropane-d6	6.682	67	30144	4.450	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.000%
41) Toluene-d8	7.891	98	79973	4.175	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.600%
43) trans-1,3-Dichloroprop...	8.177	79	9650	4.590	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.800%
46) 2-Hexanone-d5	8.630	63	44377	51.171	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.340%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	21932	4.587	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	27500	4.190	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	35000	5.009	ug/L	99
3) Chloromethane	1.515	50	43845	5.128	ug/L	100
5) Vinyl chloride	1.599	62	43406	5.083	ug/L	100
6) Bromomethane	1.853	94	18693	4.627	ug/L	99
8) Chloroethane	1.927	64	29137	5.401	ug/L	100
9) Trichlorofluoromethane	2.129	101	60676	5.380	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	35252	5.261	ug/L	97
12) 1,1-Dichloroethene	2.573	96	31976	5.383	ug/L	89
13) Acetone	2.637	43	48595	48.682	ug/L	99
14) Carbon disulfide	2.785	76	95106	5.040	ug/L	99
15) Methyl Acetate	2.946	43	12475	5.297	ug/L	99
16) Methylene chloride	3.036	84	35421	4.493	ug/L	99
17) Methyl tert-butyl Ether	3.351	73	72000	5.131	ug/L	99
18) trans-1,2-Dichloroethene	3.344	96	33302	5.349	ug/L	97
19) 1,1-Dichloroethane	3.856	63	71354	5.251	ug/L	98
21) 2-Butanone	4.705	43	74768	50.113	ug/L	98
22) cis-1,2-Dichloroethene	4.656	96	36483	5.218	ug/L	96
23) Bromochloromethane	4.965	128	14319	5.198	ug/L	96
25) Chloroform	5.078	83	69210	5.262	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	41182	5.142	ug/L	100
29) 1,1,1-Trichloroethane	5.306	97	58378	5.427	ug/L	98
30) Cyclohexane	5.380	56	60621	5.336	ug/L	99
31) Carbon tetrachloride	5.515	117	48057	5.276	ug/L	98
33) Benzene	5.766	78	149756	5.149	ug/L	100
34) Trichloroethene	6.534	95	37481	5.113	ug/L	97
35) Methylcyclohexane	6.756	83	58478	5.295	ug/L	97
37) 1,2-Dichloropropane	6.782	63	40718	5.322	ug/L	99
38) Bromodichloromethane	7.097	83	46112	5.280	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	49894	5.128	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	187321	52.013	ug/L	99
42) Toluene	7.962	91	157195	5.153	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	40769	5.313	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	22931	5.131	ug/L	97
47) Tetrachloroethene	8.547	164	27121	5.047	ug/L	97
48) 2-Hexanone	8.679	43	136151	53.253	ug/L	98
49) Dibromochloromethane	8.804	129	26851	5.197	ug/L	98
50) 1,2-Dibromoethane	8.917	107	21283	5.208	ug/L	89
51) Chlorobenzene	9.441	112	93610	5.072	ug/L	98
52) Ethylbenzene	9.563	91	166952	5.166	ug/L	99
53) m,p-Xylene	9.688	106	59472	5.139	ug/L	99
54) o-Xylene	10.093	106	59614	5.255	ug/L	99
55) Styrene	10.109	104	95834	5.250	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	29004	5.262	ug/L	97
59) Bromoform	10.283	173	13286	5.104	ug/L	99
60) Isopropylbenzene	10.479	105	153782	5.391	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	20739	5.217	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	125760	5.406	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	126902	5.343	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	69839	5.040	ug/L	97
65) 1,4-Dichlorobenzene	11.830	146	67268	4.983	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	62190	4.934	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.990	75	3703	5.492	ug/L	94
69) 1,3,5-Trichlorobenzene	13.212	180	50957	4.973	ug/L	100
70) 1,2,4-trichlorobenzene	13.833	180	36287	4.593	ug/L	99
71) Naphthalene	14.084	128	47841	4.419	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	29590	4.535	ug/L	97

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

