

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041124\
 Data File : VU058619.D
 Acq On : 11 Apr 2024 19:33
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005195

Quant Time: Apr 12 02:31:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 12 02:25:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	80963	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	77986	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	37927	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	24471	4.565	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.400%
7) Chloroethane-d5	1.904	69	23186	4.977	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.600%
11) 1,1-Dichloroethene-d2	2.560	65	11592	4.778	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.600%
20) 2-Butanone-d5	4.618	46	53671	47.512	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.020%
24) Chloroform-d	5.052	84	53016	4.955	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
26) 1,2-Dichloroethane-d4	5.692	65	24825	4.971	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.400%
32) Benzene-d6	5.718	84	100860	4.804	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
36) 1,2-Dichloropropane-d6	6.682	67	31718	4.817	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.400%
41) Toluene-d8	7.891	98	90542	4.863	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
43) trans-1,3-Dichloroprop...	8.174	79	9680	4.736	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.800%
46) 2-Hexanone-d5	8.628	63	40551	48.103	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.200%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	20671	4.447	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	27846	4.359	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.377	85	25929	3.842	ug/L	100
3) Chloromethane	1.515	50	33981	4.115	ug/L	98
5) Vinyl chloride	1.599	62	34899	4.231	ug/L	100
6) Bromomethane	1.853	94	14777	3.787	ug/L	97
8) Chloroethane	1.927	64	23748	4.558	ug/L	97
9) Trichlorofluoromethane	2.133	101	46693	4.287	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	27266	4.213	ug/L	96
12) 1,1-Dichloroethene	2.573	96	24261	4.228	ug/L	93
13) Acetone	2.625	43	36648	38.011	ug/L	99
14) Carbon disulfide	2.785	76	74249	4.074	ug/L	99
15) Methyl Acetate	2.946	43	10256	4.508	ug/L	100
16) Methylene chloride	3.036	84	30396	3.992	ug/L	98
17) Methyl tert-butyl Ether	3.351	73	59297	4.375	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	26361	4.384	ug/L	95
19) 1,1-Dichloroethane	3.856	63	61215	4.664	ug/L	98
21) 2-Butanone	4.695	43	62380	43.287	ug/L	98
22) cis-1,2-Dichloroethene	4.657	96	30551	4.524	ug/L	99
23) Bromochloromethane	4.965	128	12137	4.561	ug/L	96
25) Chloroform	5.078	83	59477	4.682	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	36487	4.716	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	47247	4.519	ug/L	98
30) Cyclohexane	5.380	56	44589	4.038	ug/L	97
31) Carbon tetrachloride	5.515	117	39567	4.468	ug/L	100
33) Benzene	5.766	78	126432	4.472	ug/L	100
34) Trichloroethene	6.534	95	30311	4.254	ug/L	98
35) Methylcyclohexane	6.756	83	43336	4.036	ug/L	97
37) 1,2-Dichloropropane	6.782	63	36396	4.893	ug/L #	96
38) Bromodichloromethane	7.097	83	40139	4.728	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	42585	4.503	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	165157	47.176	ug/L	98
42) Toluene	7.962	91	132500	4.469	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	34586	4.637	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	20037	4.613	ug/L	97
47) Tetrachloroethene	8.547	164	21242	4.066	ug/L	96
48) 2-Hexanone	8.679	43	115047	46.291	ug/L	98
49) Dibromochloromethane	8.801	129	23028	4.585	ug/L	97
50) 1,2-Dibromoethane	8.917	107	18150	4.569	ug/L	98
51) Chlorobenzene	9.441	112	78574	4.379	ug/L	98
52) Ethylbenzene	9.563	91	134866	4.293	ug/L	100
53) m,p-Xylene	9.689	106	49586	4.408	ug/L	99
54) o-Xylene	10.094	106	48575	4.405	ug/L	98
55) Styrene	10.107	104	79880	4.502	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	24491	4.571	ug/L	100
59) Bromoform	10.283	173	11261	4.444	ug/L	99
60) Isopropylbenzene	10.476	105	122075	4.397	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	17724	4.580	ug/L	97
62) 1,3,5-Trimethylbenzene	11.081	105	98088	4.332	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	101010	4.369	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	58067	4.305	ug/L	100
65) 1,4-Dichlorobenzene	11.830	146	56249	4.281	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	52825	4.306	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.994	75	3174	4.837	ug/L	93
69) 1,3,5-Trichlorobenzene	13.213	180	41588	4.170	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	29071	3.780	ug/L	99
71) Naphthalene	14.084	128	33879	3.215	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	24219	3.813	ug/L	99

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

