

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031824\
 Data File : VU058150.D
 Acq On : 18 Mar 2024 16:04
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005158

Quant Time: Mar 19 01:38:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 14 04:37:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	136271	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	130455	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	63309	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	47979	4.894	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.800%
7) Chloroethane-d5	1.904	69	43280	5.371	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.400%
11) 1,1-Dichloroethene-d2	2.557	65	21525	5.073	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.400%
20) 2-Butanone-d5	4.611	46	91557	56.676	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.360%
24) Chloroform-d	5.052	84	99716	5.377	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.600%
26) 1,2-Dichloroethane-d4	5.692	65	45761	5.446	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.000%
32) Benzene-d6	5.717	84	197748	5.202	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.000%
36) 1,2-Dichloropropane-d6	6.682	67	60387	5.225	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.400%
41) Toluene-d8	7.891	98	179298	5.205	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.200%
43) trans-1,3-Dichloroprop...	8.174	79	18626	4.687	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.800%
46) 2-Hexanone-d5	8.624	63	77431	58.028	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.060%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	39604	5.588	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	56616	5.430	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.377	85	37832	4.582	ug/L	99
3) Chloromethane	1.515	50	45142	4.676	ug/L	100
5) Vinyl chloride	1.599	62	50148	4.829	ug/L	99
6) Bromomethane	1.849	94	26940	4.925	ug/L	97
8) Chloroethane	1.927	64	33316	5.095	ug/L	96
9) Trichlorofluoromethane	2.129	101	76773	5.190	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	49811	5.385	ug/L	97
12) 1,1-Dichloroethene	2.570	96	42436	5.161	ug/L	94
13) Acetone	2.611	43	69133	57.505	ug/L	98
14) Carbon disulfide	2.785	76	109118	4.292	ug/L	99
15) Methyl Acetate	2.943	43	14626	5.482	ug/L	97
16) Methylene chloride	3.033	84	51436	5.147	ug/L	98
17) Methyl tert-butyl Ether	3.348	73	101736	5.232	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	44057	4.919	ug/L	98
19) 1,1-Dichloroethane	3.859	63	96570	5.405	ug/L	98
21) 2-Butanone	4.689	43	99792	52.679	ug/L	96
22) cis-1,2-Dichloroethene	4.656	96	51067	5.183	ug/L	98
23) Bromochloromethane	4.965	128	19877	5.433	ug/L	93
25) Chloroform	5.078	83	101537	5.567	ug/L	99

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27) 1,2-Dichloroethane	5.785	62	53599	5.308	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	81458	5.246	ug/L	99
30) Cyclohexane	5.380	56	71477	4.559	ug/L	98
31) Carbon tetrachloride	5.515	117	69887	5.180	ug/L	99
33) Benzene	5.766	78	207148	5.175	ug/L	100
34) Trichloroethene	6.537	95	54798	5.203	ug/L	98
35) Methylcyclohexane	6.756	83	75905	4.701	ug/L	99
37) 1,2-Dichloropropane	6.782	63	57148	5.536	ug/L	98
38) Bromodichloromethane	7.097	83	66737	5.329	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	72072	5.068	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	260287	54.813	ug/L	100
42) Toluene	7.962	91	219526	5.266	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	57323	5.058	ug/L	96
45) 1,1,2-Trichloroethane	8.393	97	33827	5.527	ug/L	99
47) Tetrachloroethene	8.547	164	36734	5.027	ug/L	97
48) 2-Hexanone	8.675	43	186697	53.611	ug/L	99
49) Dibromochloromethane	8.801	129	40108	5.536	ug/L	97
50) 1,2-Dibromoethane	8.920	107	30590	5.631	ug/L	92
51) Chlorobenzene	9.441	112	135675	5.190	ug/L	97
52) Ethylbenzene	9.566	91	239710	5.138	ug/L	100
53) m,p-Xylene	9.688	106	87335	5.240	ug/L	100
54) o-Xylene	10.093	106	84765	5.103	ug/L	98
55) Styrene	10.110	104	139527	5.351	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.778	83	39383	5.462	ug/L	95
59) Bromoform	10.286	173	19124	5.416	ug/L	98
60) Isopropylbenzene	10.479	105	222623	5.280	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	28708	5.536	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	185111	5.205	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	185630	5.289	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	100058	5.221	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	96655	5.153	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	91240	5.453	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.994	75	5281	5.133	ug/L	96
69) 1,3,5-Trichlorobenzene	13.216	180	70656	5.125	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	51223	4.945	ug/L	96
71) Naphthalene	14.084	128	61156	4.323	ug/L	98
72) 1,2,3-Trichlorobenzene	14.325	180	40454	4.944	ug/L	97

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

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