

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031124\
 Data File : VU058044.D
 Acq On : 11 Mar 2024 15:52
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005148

Quant Time: Mar 12 03:09:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Mar 12 03:05:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	151922	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	143159	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	70247	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	42155	3.857	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.200%
7) Chloroethane-d5	1.904	69	39975	4.450	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.000%
11) 1,1-Dichloroethene-d2	2.560	65	20187	4.268	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.400%
20) 2-Butanone-d5	4.608	46	105976	58.843	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.680%
24) Chloroform-d	5.052	84	104494	5.054	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
26) 1,2-Dichloroethane-d4	5.695	65	47604	5.082	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.600%
32) Benzene-d6	5.721	84	196706	4.715	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
36) 1,2-Dichloropropane-d6	6.682	67	62214	4.905	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.200%
41) Toluene-d8	7.891	98	176910	4.680	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
43) trans-1,3-Dichloroprop...	8.177	79	20334	4.662	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.200%
46) 2-Hexanone-d5	8.624	63	90145	61.562	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	123.120%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	43665	5.614	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	60097	5.195	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.377	85	44619	4.847	ug/L	99
3) Chloromethane	1.515	50	50709	4.711	ug/L	98
5) Vinyl chloride	1.599	62	56210	4.855	ug/L	100
6) Bromomethane	1.850	94	28296	4.640	ug/L	98
8) Chloroethane	1.927	64	37235	5.107	ug/L	97
9) Trichlorofluoromethane	2.132	101	83667	5.073	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	53057	5.145	ug/L	99
12) 1,1-Dichloroethene	2.573	96	45568	4.971	ug/L	90
13) Acetone	2.612	43	70524	52.618	ug/L	96
14) Carbon disulfide	2.785	76	134108	4.731	ug/L	99
15) Methyl Acetate	2.943	43	17150	5.766	ug/L	94
16) Methylene chloride	3.036	84	54735	4.913	ug/L	98
17) Methyl tert-butyl Ether	3.351	73	110449	5.095	ug/L	100
18) trans-1,2-Dichloroethene	3.345	96	51227	5.131	ug/L	93
19) 1,1-Dichloroethane	3.859	63	104908	5.267	ug/L	99
21) 2-Butanone	4.689	43	110657	52.397	ug/L	98
22) cis-1,2-Dichloroethene	4.656	96	56717	5.164	ug/L	98
23) Bromochloromethane	4.965	128	22202	5.444	ug/L	94
25) Chloroform	5.078	83	107348	5.279	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	57558	5.113	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	87845	5.156	ug/L	99
30) Cyclohexane	5.380	56	83682	4.864	ug/L	100
31) Carbon tetrachloride	5.515	117	76489	5.166	ug/L	99
33) Benzene	5.766	78	225174	5.126	ug/L	100
34) Trichloroethene	6.534	95	59505	5.148	ug/L	96
35) Methylcyclohexane	6.756	83	86847	4.902	ug/L	99
37) 1,2-Dichloropropane	6.782	63	59463	5.249	ug/L	100
38) Bromodichloromethane	7.097	83	72200	5.253	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	81187	5.202	ug/L	97
40) 4-Methyl-2-pentanone	7.782	43	279886	53.710	ug/L	99
42) Toluene	7.965	91	234164	5.118	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	63145	5.077	ug/L	99
45) 1,1,2-Trichloroethane	8.396	97	35746	5.322	ug/L	98
47) Tetrachloroethene	8.547	164	46086	5.747	ug/L	98
48) 2-Hexanone	8.679	43	202875	53.087	ug/L	99
49) Dibromochloromethane	8.804	129	42103	5.296	ug/L	100
50) 1,2-Dibromoethane	8.920	107	33033	5.542	ug/L	96
51) Chlorobenzene	9.441	112	146294	5.099	ug/L	97
52) Ethylbenzene	9.566	91	263923	5.155	ug/L	100
53) m,p-Xylene	9.688	106	95607	5.227	ug/L	99
54) o-Xylene	10.097	106	93833	5.147	ug/L	99
55) Styrene	10.110	104	151852	5.307	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.778	83	43434	5.489	ug/L	97
59) Bromoform	10.286	173	20994	5.359	ug/L	99
60) Isopropylbenzene	10.479	105	243974	5.215	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	31341	5.447	ug/L	100
62) 1,3,5-Trimethylbenzene	11.084	105	202280	5.126	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	204024	5.239	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	110867	5.214	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	107509	5.165	ug/L	97
67) 1,2-Dichlorobenzene	12.206	146	99742	5.372	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.994	75	6247	5.472	ug/L	96
69) 1,3,5-Trichlorobenzene	13.216	180	78071	5.104	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	58103	5.055	ug/L	99
71) Naphthalene	14.084	128	73351	4.673	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	45800	5.045	ug/L	98

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

