

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032024\
 Data File : VU058173.D
 Acq On : 20 Mar 2024 11:41
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005161

Quant Time: Mar 21 01:41:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 20 05:19:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	112322	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	106157	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	50347	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	32936	4.075	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.600%
7) Chloroethane-d5	1.911	69	30834	4.642	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.800%
11) 1,1-Dichloroethene-d2	2.563	65	15740	4.501	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.000%
20) 2-Butanone-d5	4.628	46	79970	60.058	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.120%
24) Chloroform-d	5.055	84	74858	4.898	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.000%
26) 1,2-Dichloroethane-d4	5.698	65	34888	5.038	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.800%
32) Benzene-d6	5.721	84	140295	4.535	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
36) 1,2-Dichloropropane-d6	6.685	67	44771	4.760	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.200%
41) Toluene-d8	7.891	98	124470	4.441	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.800%
43) trans-1,3-Dichloroprop...	8.174	79	13986	4.325	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.400%
46) 2-Hexanone-d5	8.627	63	63819	58.774	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.540%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	30265	5.248	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	38956	4.698	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	29866	4.389	ug/L	99
3) Chloromethane	1.518	50	36665	4.607	ug/L	98
5) Vinyl chloride	1.602	62	39368	4.599	ug/L	99
6) Bromomethane	1.856	94	20632	4.576	ug/L	99
8) Chloroethane	1.933	64	27565	5.114	ug/L	96
9) Trichlorofluoromethane	2.136	101	60856	4.991	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	40406	5.300	ug/L	98
12) 1,1-Dichloroethene	2.576	96	32942	4.861	ug/L	98
13) Acetone	2.640	43	66137	66.742	ug/L	98
14) Carbon disulfide	2.792	76	79872	3.811	ug/L	100
15) Methyl Acetate	2.952	43	13277	6.038	ug/L	96
16) Methylene chloride	3.039	84	44307	5.379	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	87460	5.457	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	34875	4.724	ug/L	99
19) 1,1-Dichloroethane	3.862	63	81769	5.553	ug/L	98
21) 2-Butanone	4.705	43	95898	61.417	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	42322	5.212	ug/L	99
23) Bromochloromethane	4.968	128	16797	5.570	ug/L	95
25) Chloroform	5.081	83	84349	5.611	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	47925	5.758	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	65076	5.150	ug/L	97
30) Cyclohexane	5.383	56	58250	4.566	ug/L	99
31) Carbon tetrachloride	5.518	117	56281	5.126	ug/L	98
33) Benzene	5.769	78	172049	5.282	ug/L	100
34) Trichloroethene	6.537	95	45110	5.263	ug/L	98
35) Methylcyclohexane	6.759	83	60596	4.612	ug/L	99
37) 1,2-Dichloropropane	6.785	63	46627	5.551	ug/L	100
38) Bromodichloromethane	7.100	83	54384	5.336	ug/L	97
39) cis-1,3-Dichloropropene	7.602	75	59305	5.124	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	236170	61.118	ug/L	100
42) Toluene	7.965	91	177832	5.242	ug/L	97
44) trans-1,3-Dichloropropene	8.206	75	47399	5.139	ug/L	100
45) 1,1,2-Trichloroethane	8.393	97	29054	5.833	ug/L	97
47) Tetrachloroethene	8.547	164	29157	4.903	ug/L	98
48) 2-Hexanone	8.679	43	174550	61.596	ug/L	100
49) Dibromochloromethane	8.804	129	32508	5.514	ug/L	99
50) 1,2-Dibromoethane	8.917	107	25402	5.747	ug/L	94
51) Chlorobenzene	9.441	112	111883	5.259	ug/L	97
52) Ethylbenzene	9.566	91	197619	5.206	ug/L	100
53) m,p-Xylene	9.688	106	71024	5.237	ug/L	99
54) o-Xylene	10.094	106	70627	5.225	ug/L	99
55) Styrene	10.110	104	114332	5.389	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	33590	5.725	ug/L	95
59) Bromoform	10.286	173	15913	5.667	ug/L	99
60) Isopropylbenzene	10.476	105	183351	5.468	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	25209	6.113	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	149530	5.287	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	151764	5.437	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	83449	5.475	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	80282	5.382	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	76415	5.743	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	4654	5.688	ug/L	96
69) 1,3,5-Trichlorobenzene	13.212	180	58860	5.369	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	43005	5.221	ug/L	100
71) Naphthalene	14.084	128	55026	4.891	ug/L	98
72) 1,2,3-Trichlorobenzene	14.325	180	34197	5.256	ug/L	98

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

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