

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041024\
 Data File : VU058573.D
 Acq On : 10 Apr 2024 20:27
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005192

Quant Time: Apr 11 01:34:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 11 01:28:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	86916	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	83892	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	41669	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	24058	4.181	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.600%
7) Chloroethane-d5	1.907	69	23054	4.610	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.200%
11) 1,1-Dichloroethene-d2	2.560	65	11609	4.457	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.200%
20) 2-Butanone-d5	4.618	46	49315	40.666	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.340%
24) Chloroform-d	5.052	84	51036	4.443	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
26) 1,2-Dichloroethane-d4	5.692	65	23409	4.367	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.400%
32) Benzene-d6	5.718	84	99022	4.384	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
36) 1,2-Dichloropropane-d6	6.682	67	30267	4.273	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.400%
41) Toluene-d8	7.891	98	90214	4.504	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.000%
43) trans-1,3-Dichloroprop...	8.174	79	9272	4.217	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.400%
46) 2-Hexanone-d5	8.627	63	36991	40.791	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.580%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	19746	3.949	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	26855	3.827	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	76.600%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.377	85	29218	4.033	ug/L	98
3) Chloromethane	1.515	50	36340	4.099	ug/L	99
5) Vinyl chloride	1.599	62	36775	4.153	ug/L	100
6) Bromomethane	1.853	94	14288	3.411	ug/L	97
8) Chloroethane	1.927	64	25633	4.582	ug/L	96
9) Trichlorofluoromethane	2.133	101	49499	4.233	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	29788	4.287	ug/L	97
12) 1,1-Dichloroethene	2.573	96	26358	4.279	ug/L	96
13) Acetone	2.628	43	38960	37.641	ug/L	98
14) Carbon disulfide	2.785	76	80115	4.095	ug/L	99
15) Methyl Acetate	2.946	43	11585	4.744	ug/L	97
16) Methylene chloride	3.036	84	32252	3.945	ug/L	99
17) Methyl tert-butyl Ether	3.348	73	62053	4.265	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	27797	4.306	ug/L	95
19) 1,1-Dichloroethane	3.856	63	64266	4.561	ug/L	98
21) 2-Butanone	4.698	43	64854	41.922	ug/L	97
22) cis-1,2-Dichloroethene	4.657	96	32845	4.530	ug/L	97
23) Bromochloromethane	4.965	128	13289	4.652	ug/L	98
25) Chloroform	5.078	83	62974	4.617	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	38307	4.613	ug/L	100
29) 1,1,1-Trichloroethane	5.306	97	49922	4.438	ug/L	98
30) Cyclohexane	5.380	56	49033	4.128	ug/L	99
31) Carbon tetrachloride	5.515	117	42206	4.431	ug/L	100
33) Benzene	5.766	78	135646	4.460	ug/L	100
34) Trichloroethene	6.534	95	33320	4.347	ug/L	96
35) Methylcyclohexane	6.756	83	47758	4.135	ug/L	96
37) 1,2-Dichloropropane	6.782	63	36856	4.606	ug/L	100
38) Bromodichloromethane	7.097	83	41584	4.553	ug/L	97
39) cis-1,3-Dichloropropene	7.599	75	44012	4.326	ug/L	97
40) 4-Methyl-2-pentanone	7.782	43	171913	45.649	ug/L	98
42) Toluene	7.962	91	138548	4.344	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	34855	4.344	ug/L	97
45) 1,1,2-Trichloroethane	8.393	97	20972	4.488	ug/L	97
47) Tetrachloroethene	8.547	164	23025	4.097	ug/L	99
48) 2-Hexanone	8.679	43	119237	44.599	ug/L	98
49) Dibromochloromethane	8.801	129	23860	4.416	ug/L	99
50) 1,2-Dibromoethane	8.917	107	18926	4.429	ug/L	98
51) Chlorobenzene	9.441	112	82998	4.300	ug/L	99
52) Ethylbenzene	9.563	91	147155	4.355	ug/L	99
53) m,p-Xylene	9.688	106	53311	4.406	ug/L	97
54) o-Xylene	10.094	106	51017	4.300	ug/L	98
55) Styrene	10.110	104	85364	4.472	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	26033	4.516	ug/L	99
59) Bromoform	10.283	173	12126	4.356	ug/L	99
60) Isopropylbenzene	10.476	105	131922	4.325	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	18688	4.395	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	105828	4.254	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	108299	4.264	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	62021	4.186	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	59210	4.101	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	55527	4.120	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.994	75	3270	4.535	ug/L	96
69) 1,3,5-Trichlorobenzene	13.212	180	42931	3.918	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	30647	3.627	ug/L	98
71) Naphthalene	14.084	128	34137	2.948	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	24930	3.573	ug/L	99

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

