

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040324\
 Data File : VU058369.D
 Acq On : 03 Apr 2024 17:16
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005178

Quant Time: Apr 04 01:26:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 04 01:17:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	80280	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	76666	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	38223	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	21160	3.119	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.400%
7) Chloroethane-d5	1.907	69	21992	3.971	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.400%
11) 1,1-Dichloroethene-d2	2.560	65	9543	3.388	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.800%
20) 2-Butanone-d5	4.624	46	67312	55.849	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.700%
24) Chloroform-d	5.055	84	54921	4.528	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
26) 1,2-Dichloroethane-d4	5.692	65	26935	4.750	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
32) Benzene-d6	5.717	84	105543	4.239	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
36) 1,2-Dichloropropane-d6	6.682	67	34323	4.677	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.600%
41) Toluene-d8	7.891	98	89178	4.043	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.800%
43) trans-1,3-Dichloroprop...	8.174	79	10555	4.489	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.800%
46) 2-Hexanone-d5	8.627	63	50476	53.004	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.000%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	24192	5.060	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	31008	4.356	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	10674	3.228	ug/L	99
3) Chloromethane	1.515	50	13575	3.221	ug/L	98
5) Vinyl chloride	1.599	62	16571	3.600	ug/L	97
6) Bromomethane	1.853	94	6200	2.512	ug/L	95
8) Chloroethane	1.930	64	12524	4.126	ug/L	98
9) Trichlorofluoromethane	2.132	101	29423	3.934	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	20027	4.172	ug/L	98
12) 1,1-Dichloroethene	2.573	96	15651	3.889	ug/L	97
13) Acetone	2.640	43	36284	46.516	ug/L	97
14) Carbon disulfide	2.788	76	27590	3.068	ug/L	98
15) Methyl Acetate	2.952	43	7844	4.844	ug/L	96
16) Methylene chloride	3.036	84	23213	4.070	ug/L	98
17) Methyl tert-butyl Ether	3.351	73	49058	4.542	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	16805	3.995	ug/L	99
19) 1,1-Dichloroethane	3.859	63	43128	4.564	ug/L	99
21) 2-Butanone	4.701	43	55995	47.251	ug/L	96
22) cis-1,2-Dichloroethene	4.656	96	23121	4.449	ug/L	96
23) Bromochloromethane	4.965	128	9111	4.698	ug/L	94
25) Chloroform	5.078	83	46323	4.674	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	25351	4.505	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	34901	4.403	ug/L	98
30) Cyclohexane	5.380	56	25920	3.744	ug/L	95
31) Carbon tetrachloride	5.518	117	28453	4.217	ug/L	98
33) Benzene	5.766	78	87004	4.321	ug/L	100
34) Trichloroethene	6.534	95	39355	7.502	ug/L	97
35) Methylcyclohexane	6.756	83	26755	3.657	ug/L	99
37) 1,2-Dichloropropane	6.782	63	26098	4.640	ug/L	100
38) Bromodichloromethane	7.097	83	31146	4.831	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	33011	4.627	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	135008	47.467	ug/L	99
42) Toluene	7.962	91	90436	4.251	ug/L	97
44) trans-1,3-Dichloropropene	8.203	75	25938	4.620	ug/L	97
45) 1,1,2-Trichloroethane	8.393	97	16342	4.612	ug/L	98
47) Tetrachloroethene	8.547	164	14850	4.226	ug/L	98
48) 2-Hexanone	8.675	43	97371	47.009	ug/L	96
49) Dibromochloromethane	8.801	129	18463	4.762	ug/L	100
50) 1,2-Dibromoethane	8.917	107	14188	4.652	ug/L	93
51) Chlorobenzene	9.441	112	59736	4.358	ug/L	99
52) Ethylbenzene	9.563	91	101908	4.290	ug/L	98
53) m,p-Xylene	9.688	106	36810	4.349	ug/L	96
54) o-Xylene	10.093	106	37910	4.437	ug/L	97
55) Styrene	10.110	104	61517	4.560	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	21201	5.077	ug/L	99
59) Bromoform	10.283	173	9140	4.553	ug/L #	96
60) Isopropylbenzene	10.476	105	97821	4.260	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	14186	4.432	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	80593	4.182	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	80948	4.229	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	47994	4.488	ug/L	100
65) 1,4-Dichlorobenzene	11.830	146	44728	4.327	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	44585	4.508	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.990	75	2509	5.198	ug/L	91
69) 1,3,5-Trichlorobenzene	13.212	180	33583	4.491	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	24949	4.473	ug/L	97
71) Naphthalene	14.084	128	31095	4.094	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	21251	4.653	ug/L	99

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

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