

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U061924\
 Data File : VU059337.D
 Acq On : 19 Jun 2024 08:17
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005115

Quant Time: Jun 20 05:58:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jun 17 12:07:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	178909	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	178834	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	94514	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	48692	3.914	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.200%
7) Chloroethane-d5	1.907	69	49626	4.146	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.000%
11) 1,1-Dichloroethene-d2	2.560	65	20047	3.884	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.600%
20) 2-Butanone-d5	4.618	46	118430	46.216	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.440%
24) Chloroform-d	5.055	84	110785	4.339	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
26) 1,2-Dichloroethane-d4	5.695	65	53496	4.349	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.000%
32) Benzene-d6	5.721	84	213406	4.336	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
36) 1,2-Dichloropropane-d6	6.685	67	66522	4.411	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.200%
41) Toluene-d8	7.891	98	189486	4.141	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.800%
43) trans-1,3-Dichloroprop...	8.177	79	20700	4.383	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.600%
46) 2-Hexanone-d5	8.627	63	94611	48.216	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.440%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	54624	4.384	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	70740	4.205	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	82505	5.442	ug/L	100
3) Chloromethane	1.515	50	88762	5.440	ug/L	100
5) Vinyl chloride	1.599	62	98310	5.455	ug/L	99
6) Bromomethane	1.853	94	66342	5.294	ug/L	93
8) Chloroethane	1.927	64	61662	5.678	ug/L	98
9) Trichlorofluoromethane	2.133	101	123387	5.687	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	77771	5.662	ug/L	96
12) 1,1-Dichloroethene	2.573	96	70769	5.577	ug/L	80
13) Acetone	2.624	43	92110	55.411	ug/L	95
14) Carbon disulfide	2.785	76	228701	5.402	ug/L	100
15) Methyl Acetate	2.946	43	24685	5.627	ug/L	91
16) Methylene chloride	3.036	84	79870	5.312	ug/L	92
17) Methyl tert-butyl Ether	3.354	73	155869	5.700	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	73650	5.581	ug/L	91
19) 1,1-Dichloroethane	3.859	63	136143	5.595	ug/L	98
21) 2-Butanone	4.695	43	153162	57.445	ug/L	88
22) cis-1,2-Dichloroethene	4.660	96	81544	5.606	ug/L	96
23) Bromochloromethane	4.968	128	37625	5.674	ug/L	88
25) Chloroform	5.078	83	143942	5.616	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	86119	5.545	ug/L	97
29) 1,1,1-Trichloroethane	5.309	97	116940	5.663	ug/L	99
30) Cyclohexane	5.383	56	106343	5.833	ug/L	94
31) Carbon tetrachloride	5.515	117	97753	5.653	ug/L	99
33) Benzene	5.766	78	317311	5.843	ug/L	100
34) Trichloroethene	6.537	95	84648	5.755	ug/L	97
35) Methylcyclohexane	6.759	83	124350	5.942	ug/L	94
37) 1,2-Dichloropropane	6.785	63	81224	5.779	ug/L #	98
38) Bromodichloromethane	7.100	83	101855	5.806	ug/L	100
39) cis-1,3-Dichloropropene	7.602	75	111223	5.787	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	380128	58.372	ug/L	96
42) Toluene	7.965	91	346226	6.022	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	91364	5.923	ug/L	97
45) 1,1,2-Trichloroethane	8.393	97	60860	5.877	ug/L	98
47) Tetrachloroethene	8.550	164	68064	5.964	ug/L	96
48) 2-Hexanone	8.676	43	273222	58.787	ug/L	94
49) Dibromochloromethane	8.804	129	65413	5.702	ug/L	96
50) 1,2-Dibromoethane	8.917	107	54221	5.669	ug/L	100
51) Chlorobenzene	9.441	112	212956	5.840	ug/L	96
52) Ethylbenzene	9.566	91	352939	5.984	ug/L	97
53) m,p-Xylene	9.688	106	138433	6.111	ug/L	97
54) o-Xylene	10.094	106	130464	6.069	ug/L	97
55) Styrene	10.110	104	227115	6.206	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	70882	5.642	ug/L	98
59) Bromoform	10.287	173	39150	5.412	ug/L	98
60) Isopropylbenzene	10.479	105	351945	6.028	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	48602	5.565	ug/L	96
62) 1,3,5-Trimethylbenzene	11.084	105	275930	5.966	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	275491	6.230	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	169114	5.695	ug/L	100
65) 1,4-Dichlorobenzene	11.830	146	169071	5.531	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	157866	5.649	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	9740	5.717	ug/L	87
69) 1,3,5-Trichlorobenzene	13.216	180	125895	5.727	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	92294	5.473	ug/L	98
71) Naphthalene	14.084	128	126781	5.253	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	85303	5.448	ug/L	99

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

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