

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062924\
 Data File : VU059666.D
 Acq On : 29 Jun 2024 09:21
 Operator : MD/SY
 Sample : P3068-09MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCL26MS

Quant Time: Jun 30 22:38:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 29 01:51:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	156741	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	164594	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	86366	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	32661	2.997	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.000%
7) Chloroethane-d5	1.908	69	38256	3.648	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.000%
11) 1,1-Dichloroethene-d2	2.560	65	15259	3.375	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.400%
20) 2-Butanone-d5	4.621	46	106356	47.374	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.740%
24) Chloroform-d	5.055	84	97366	4.352	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
26) 1,2-Dichloroethane-d4	5.695	65	44972	4.173	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.400%
32) Benzene-d6	5.721	84	181986	4.017	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.400%
36) 1,2-Dichloropropane-d6	6.682	67	58338	4.203	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.000%
41) Toluene-d8	7.891	98	171676	4.077	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.600%
43) trans-1,3-Dichloroprop...	8.174	79	17300	3.980	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.600%
46) 2-Hexanone-d5	8.628	63	88373	48.933	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.860%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	52381	4.567	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	65891	4.287	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	59888	4.509	ug/L	98
3) Chloromethane	1.515	50	64999	4.547	ug/L	97
5) Vinyl chloride	1.599	62	73282	4.641	ug/L	99
6) Bromomethane	1.853	94	43043	3.920	ug/L	96
8) Chloroethane	1.930	64	47104	4.951	ug/L	96
9) Trichlorofluoromethane	2.133	101	144163	7.584	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	54385	4.520	ug/L	92
12) 1,1-Dichloroethene	2.573	96	52298	4.704	ug/L	79
13) Acetone	2.634	43	69581	47.778	ug/L	93
14) Carbon disulfide	2.785	76	165397	4.459	ug/L	100
15) Methyl Acetate	2.949	43	14224	3.701	ug/L #	88
16) Methylene chloride	3.036	84	61191	4.645	ug/L	89
17) Methyl tert-butyl Ether	3.355	73	114192	4.767	ug/L	98
18) trans-1,2-Dichloroethene	3.345	96	56803	4.913	ug/L	90
19) 1,1-Dichloroethane	3.859	63	103111	4.837	ug/L	96
21) 2-Butanone	4.699	43	110987	47.514	ug/L	89
22) cis-1,2-Dichloroethene	4.657	96	62971	4.942	ug/L	96
23) Bromochloromethane	4.965	128	30102	5.182	ug/L	87
25) Chloroform	5.078	83	113833	5.069	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.789	62	65374	4.804	ug/L	96
29) 1,1,1-Trichloroethane	5.306	97	90009	4.736	ug/L	97
30) Cyclohexane	5.380	56	73072	4.355	ug/L	94
31) Carbon tetrachloride	5.515	117	75601	4.750	ug/L	98
33) Benzene	5.766	78	241674	4.835	ug/L	100
34) Trichloroethene	6.534	95	126591	9.352	ug/L	94
35) Methylcyclohexane	6.756	83	78291	4.065	ug/L	95
37) 1,2-Dichloropropane	6.782	63	61564	4.760	ug/L #	98
38) Bromodichloromethane	7.097	83	79177	4.904	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	76601	4.330	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	287112	47.903	ug/L #	96
42) Toluene	7.962	91	263764	4.984	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	62954	4.434	ug/L	100
45) 1,1,2-Trichloroethane	8.393	97	48258	5.063	ug/L	98
47) Tetrachloroethene	8.547	164	50427	4.801	ug/L	95
48) 2-Hexanone	8.676	43	206956	48.382	ug/L #	93
49) Dibromochloromethane	8.801	129	52438	4.966	ug/L	100
50) 1,2-Dibromoethane	8.917	107	42611	4.841	ug/L	99
51) Chlorobenzene	9.441	112	163695	4.877	ug/L	94
52) Ethylbenzene	9.563	91	260117	4.792	ug/L	97
53) m,p-Xylene	9.689	106	100633	4.827	ug/L	96
54) o-Xylene	10.094	106	95712	4.837	ug/L	97
55) Styrene	10.110	104	163784	4.863	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.772	83	57905	5.008	ug/L	99
59) Bromoform	10.284	173	31751	4.804	ug/L #	99
60) Isopropylbenzene	10.476	105	251970	4.723	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	37967	4.757	ug/L	94
62) 1,3,5-Trimethylbenzene	11.081	105	189236	4.477	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	184343	4.562	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	130999	4.828	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	128800	4.611	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	122928	4.814	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.991	75	7802	5.012	ug/L	94
69) 1,3,5-Trichlorobenzene	13.213	180	90011	4.481	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	68098	4.419	ug/L	97
71) Naphthalene	14.081	128	89902	4.076	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	62786	4.388	ug/L	98

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

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