Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062924\
Data File : VU059639.D
Acq On : 28 Jun 2024 22:38
Operator : MD/SY
Sample : P3059-05MSD
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jun 29 00:02:11 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jun 28 23:55:24 2024
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
E1GM5MSD

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/01/2024
Supervised By :Semsettin Yesilyurt 07/01/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	149041	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	151296	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	82028	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	34477	3.327	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 66.600%			
7) Chloroethane-d5	1.907	69	38980	3.909	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 78.200%			
11) 1,1-Dichloroethene-d2	2.560	65	15968	3.714	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 74.200%			
20) 2-Butanone-d5	4.618	46	122003	57.151	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 114.300%			
24) Chloroform-d	5.052	84	95982	4.512	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.200%			
26) 1,2-Dichloroethane-d4	5.692	65	47213	4.608	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.200%			
32) Benzene-d6	5.721	84	186902	4.489	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.800%			
36) 1,2-Dichloropropane-d6	6.682	67	58886	4.615	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 92.400%			
41) Toluene-d8	7.891	98	174482	4.507	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.200%			
43) trans-1,3-Dichloroprop...	8.174	79	18730	4.688	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 93.800%			
46) 2-Hexanone-d5	8.624	63	104709	63.075	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 126.140%			
56) 1,1,2,2-Tetrachloroeth...	10.749	84	55743	5.288	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 105.800%			
66) 1,2-Dichlorobenzene-d4	12.187	152	67510	4.624	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	58310	4.617	ug/L	100
3) Chloromethane	1.515	50	66400	4.885	ug/L	99
5) Vinyl chloride	1.599	62	73653	4.905	ug/L	100
6) Bromomethane	1.853	94	43914	4.206	ug/L	95
8) Chloroethane	1.927	64	48115	5.318	ug/L	97
9) Trichlorofluoromethane	2.132	101	91528	5.064	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	57052	4.986	ug/L	93
12) 1,1-Dichloroethene	2.573	96	53207	5.033	ug/L	84
13) Acetone	2.628	43	125833m	90.868	ug/L	
14) Carbon disulfide	2.785	76	180147	5.108	ug/L	99
15) Methyl Acetate	2.936	43	23509m	6.433	ug/L	
16) Methylene chloride	3.036	84	62509	4.990	ug/L	91
17) Methyl tert-butyl Ether	3.354	73	131222	5.761	ug/L	98
18) trans-1,2-Dichloroethene	3.345	96	57517	5.232	ug/L	90
19) 1,1-Dichloroethane	3.859	63	106010	5.229	ug/L	97
21) 2-Butanone	4.695	43	133616	60.157	ug/L	89
22) cis-1,2-Dichloroethene	4.656	96	64747	5.343	ug/L	94
23) Bromochloromethane	4.965	128	30202	5.467	ug/L	88
25) Chloroform	5.078	83	110812	5.190	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.788	62	69270	5.354	ug/L		98
29) 1,1,1-Trichloroethane	5.306	97	91112	5.215	ug/L		98
30) Cyclohexane	5.380	56	76075	4.932	ug/L		91
31) Carbon tetrachloride	5.515	117	75174	5.139	ug/L		99
33) Benzene	5.766	78	245873	5.351	ug/L		100
34) Trichloroethene	6.534	95	65285	5.247	ug/L		96
35) Methylcyclohexane	6.756	83	85722	4.842	ug/L		95
37) 1,2-Dichloropropane	6.782	63	68358	5.749	ug/L	#	97
38) Bromodichloromethane	7.097	83	79216	5.338	ug/L	#	95
39) cis-1,3-Dichloropropene	7.602	75	84720	5.210	ug/L		99
40) 4-Methyl-2-pentanone	7.782	43	337826	61.318	ug/L	#	93
42) Toluene	7.962	91	270325	5.557	ug/L		100
44) trans-1,3-Dichloropropene	8.203	75	70692	5.417	ug/L		100
45) 1,1,2-Trichloroethane	8.393	97	51461	5.874	ug/L		98
47) Tetrachloroethene	8.547	164	60791	6.296	ug/L		98
48) 2-Hexanone	8.676	43	253517	64.476	ug/L		93
49) Dibromochloromethane	8.801	129	55231	5.691	ug/L		99
50) 1,2-Dibromoethane	8.917	107	48494	5.993	ug/L		99
51) Chlorobenzene	9.441	112	167723	5.437	ug/L		96
52) Ethylbenzene	9.563	91	263454	5.280	ug/L		96
53) m,p-Xylene	9.688	106	105460	5.503	ug/L		98
54) o-Xylene	10.094	106	99612	5.477	ug/L		95
55) Styrene	10.110	104	176368	5.696	ug/L		95
57) 1,1,2,2-Tetrachloroethane	10.775	83	64350	6.054	ug/L		99
59) Bromoform	10.283	173	34885	5.557	ug/L		98
60) Isopropylbenzene	10.476	105	260959	5.150	ug/L		98
61) 1,2,3-Trichloropropane	10.814	75	43022	5.675	ug/L		96
62) 1,3,5-Trimethylbenzene	11.081	105	199599	4.972	ug/L		98
63) 1,2,4-Trimethylbenzene	11.463	105	199561	5.200	ug/L		97
64) 1,3-Dichlorobenzene	11.740	146	136068	5.280	ug/L		99
65) 1,4-Dichlorobenzene	11.830	146	137593	5.187	ug/L		97
67) 1,2-Dichlorobenzene	12.206	146	130637	5.386	ug/L		97
68) 1,2-Dibromo-3-chloropr...	12.990	75	9410	6.364	ug/L		90
69) 1,3,5-Trichlorobenzene	13.212	180	99843	5.234	ug/L		99
70) 1,2,4-trichlorobenzene	13.833	180	80853	5.525	ug/L		98
71) Naphthalene	14.080	128	127951	6.108	ug/L		99
72) 1,2,3-Trichlorobenzene	14.322	180	77382	5.695	ug/L		99

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

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