Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061924\
Data File : VU059362.D
Acq On : 19 Jun 2024 18:42
Operator : MD/SY
Sample : P2898-09MS
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jun 20 06:01:28 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	145080	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	146015	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	76843	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	40258	3.991	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 79.800%			
7) Chloroethane-d5	1.907	69	41840	4.310	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 86.200%			
11) 1,1-Dichloroethene-d2	2.560	65	16843	4.024	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 80.400%			
20) 2-Butanone-d5	4.618	46	125861	60.568	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 121.140%			
24) Chloroform-d	5.055	84	98938	4.778	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.600%			
26) 1,2-Dichloroethane-d4	5.695	65	48126	4.825	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.400%			
32) Benzene-d6	5.721	84	184310	4.586	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.800%			
36) 1,2-Dichloropropane-d6	6.685	67	58461	4.748	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.000%			
41) Toluene-d8	7.894	98	164153	4.394	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.800%			
43) trans-1,3-Dichloroprop...	8.177	79	18547	4.810	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 96.200%			
46) 2-Hexanone-d5	8.627	63	95872	59.840	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 119.680%			
56) 1,1,2,2-Tetrachloroeth...	10.749	84	55721	5.477	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 109.600%			
66) 1,2-Dichlorobenzene-d4	12.190	152	63109	4.614	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	60079	4.887	ug/L	97
3) Chloromethane	1.518	50	67353	5.090	ug/L	97
5) Vinyl chloride	1.599	62	85851	5.874	ug/L	98
6) Bromomethane	1.849	94	48948	4.816	ug/L	98
8) Chloroethane	1.927	64	45419	5.157	ug/L	100
9) Trichlorofluoromethane	2.132	101	89534	5.089	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	53542	4.807	ug/L	95
12) 1,1-Dichloroethene	2.573	96	51807	5.035	ug/L	86
13) Acetone	2.624	43	83416	61.882	ug/L	93
14) Carbon disulfide	2.785	76	165113	4.810	ug/L	99
15) Methyl Acetate	2.949	43	16535	4.648	ug/L	92
16) Methylene chloride	3.039	84	60294	4.945	ug/L	93
17) Methyl tert-butyl Ether	3.357	73	120359	5.428	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	54698	5.111	ug/L	91
19) 1,1-Dichloroethane	3.859	63	101848	5.161	ug/L	99
21) 2-Butanone	4.698	43	131741	60.932	ug/L	89
22) cis-1,2-Dichloroethene	4.656	96	202080	17.133	ug/L	96
23) Bromochloromethane	4.968	128	29314	5.451	ug/L	90
25) Chloroform	5.081	83	112859	5.430	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.788	62	67499	5.359	ug/L		97
29) 1,1,1-Trichloroethane	5.309	97	85447	5.068	ug/L		99
30) Cyclohexane	5.380	56	72509	4.871	ug/L		94
31) Carbon tetrachloride	5.518	117	71792	5.085	ug/L		99
33) Benzene	5.769	78	233023	5.255	ug/L		100
34) Trichloroethene	6.537	95	82621	6.880	ug/L		98
35) Methylcyclohexane	6.759	83	80137	4.690	ug/L		94
37) 1,2-Dichloropropane	6.785	63	60369	5.261	ug/L	#	97
38) Bromodichloromethane	7.100	83	76516	5.342	ug/L		96
39) cis-1,3-Dichloropropene	7.602	75	78815	5.022	ug/L		97
40) 4-Methyl-2-pentanone	7.785	43	320858	60.345	ug/L		98
42) Toluene	7.965	91	265966	5.666	ug/L		99
44) trans-1,3-Dichloropropene	8.206	75	66233	5.258	ug/L		99
45) 1,1,2-Trichloroethane	8.396	97	48471	5.732	ug/L		98
47) Tetrachloroethene	8.547	164	47566	5.105	ug/L		95
48) 2-Hexanone	8.679	43	233587	61.556	ug/L	#	95
49) Dibromochloromethane	8.804	129	50609	5.403	ug/L		98
50) 1,2-Dibromoethane	8.920	107	44470	5.695	ug/L		100
51) Chlorobenzene	9.444	112	153553	5.157	ug/L		95
52) Ethylbenzene	9.566	91	247908	5.148	ug/L		97
53) m,p-Xylene	9.692	106	97799	5.288	ug/L		94
54) o-Xylene	10.097	106	91994	5.241	ug/L		97
55) Styrene	10.110	104	156248	5.229	ug/L		97
57) 1,1,2,2-Tetrachloroethane	10.775	83	56580	5.516	ug/L		97
59) Bromoform	10.286	173	30953	5.263	ug/L		96
60) Isopropylbenzene	10.479	105	238805	5.031	ug/L		99
61) 1,2,3-Trichloropropane	10.817	75	40737	5.737	ug/L		96
62) 1,3,5-Trimethylbenzene	11.084	105	180547	4.801	ug/L		99
63) 1,2,4-Trimethylbenzene	11.463	105	178349	4.961	ug/L		97
64) 1,3-Dichlorobenzene	11.740	146	121641	5.038	ug/L		98
65) 1,4-Dichlorobenzene	11.833	146	122113	4.914	ug/L		100
67) 1,2-Dichlorobenzene	12.209	146	115306	5.075	ug/L		97
68) 1,2-Dibromo-3-chloropr...	12.990	75	7308	5.276	ug/L		84
69) 1,3,5-Trichlorobenzene	13.216	180	78860	4.413	ug/L		98
70) 1,2,4-trichlorobenzene	13.836	180	61325	4.473	ug/L		97
71) Naphthalene	14.084	128	93399	4.760	ug/L		99
72) 1,2,3-Trichlorobenzene	14.325	180	59084	4.641	ug/L		98

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

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