Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031924\
Data File : VU058169.D
Acq On : 19 Mar 2024 22:38
Operator : MD/SY
Sample : P1796-05MS
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCFZ1MS

Quant Time: Mar 20 05:24:38 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022924WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Mar 20 05:19:57 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	125534	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	122065	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	60552	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	35931	3.978	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 79.600%			
7) Chloroethane-d5	1.911	69	33092	4.458	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 89.200%			
11) 1,1-Dichloroethene-d2	2.563	65	16447	4.208	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 84.200%			
20) 2-Butanone-d5	4.627	46	91135	61.240	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 122.480%			
24) Chloroform-d	5.055	84	84048	4.920	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.400%			
26) 1,2-Dichloroethane-d4	5.695	65	38961	5.034	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.600%			
32) Benzene-d6	5.721	84	156720	4.406	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.200%			
36) 1,2-Dichloropropane-d6	6.682	67	49657	4.592	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.800%			
41) Toluene-d8	7.891	98	139861	4.339	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.800%			
43) trans-1,3-Dichloroprop...	8.177	79	15843	4.260	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.200%			
46) 2-Hexanone-d5	8.627	63	78430	62.817	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 125.640%			
56) 1,1,2,2-Tetrachloroeth...	10.749	84	35417	5.341	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 106.800%			
66) 1,2-Dichlorobenzene-d4	12.187	152	45878	4.601	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	32085	4.218	ug/L	99
3) Chloromethane	1.518	50	41206	4.633	ug/L	100
5) Vinyl chloride	1.602	62	46587	4.870	ug/L	100
6) Bromomethane	1.856	94	20407	4.050	ug/L	99
8) Chloroethane	1.930	64	30875	5.125	ug/L	100
9) Trichlorofluoromethane	2.136	101	69381	5.091	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	43253	5.076	ug/L	97
12) 1,1-Dichloroethene	2.576	96	42618	5.627	ug/L	87
13) Acetone	2.640	43	66348	59.908	ug/L	96
14) Carbon disulfide	2.788	76	95623	4.083	ug/L	98
15) Methyl Acetate	2.952	43	14393	5.856	ug/L	99
16) Methylene chloride	3.039	84	45413	4.933	ug/L	97
17) Methyl tert-butyl Ether	3.354	73	100291	5.599	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	41477	5.027	ug/L	95
19) 1,1-Dichloroethane	3.862	63	91545	5.562	ug/L	100
21) 2-Butanone	4.705	43	103860	59.516	ug/L	94
22) cis-1,2-Dichloroethene	4.660	96	53200	5.862	ug/L	100
23) Bromochloromethane	4.968	128	19762	5.864	ug/L	97
25) Chloroform	5.081	83	96858	5.765	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	52747	5.670	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	75225	5.178	ug/L	100
30) Cyclohexane	5.383	56	64447	4.393	ug/L	99
31) Carbon tetrachloride	5.518	117	69922	5.539	ug/L	99
33) Benzene	5.766	78	193469	5.165	ug/L	100
34) Trichloroethene	6.534	95	80723	8.191	ug/L	95
35) Methylcyclohexane	6.756	83	65214	4.317	ug/L	98
37) 1,2-Dichloropropane	6.782	63	52842	5.471	ug/L	99
38) Bromodichloromethane	7.100	83	64080	5.468	ug/L	97
39) cis-1,3-Dichloropropene	7.602	75	67607	5.080	ug/L	97
40) 4-Methyl-2-pentanone	7.782	43	276728	62.281	ug/L	99
42) Toluene	7.962	91	204723	5.248	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	55052	5.191	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	33606	5.868	ug/L	98
47) Tetrachloroethene	8.547	164	33443	4.891	ug/L	98
48) 2-Hexanone	8.679	43	197000	60.458	ug/L	98
49) Dibromochloromethane	8.804	129	38379	5.661	ug/L	98
50) 1,2-Dibromoethane	8.917	107	29889	5.881	ug/L	93
51) Chlorobenzene	9.441	112	129321	5.287	ug/L	96
52) Ethylbenzene	9.563	91	221529	5.075	ug/L	99
53) m,p-Xylene	9.688	106	78312	5.021	ug/L	97
54) o-Xylene	10.093	106	79579	5.120	ug/L	96
55) Styrene	10.110	104	129783	5.320	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	39770	5.895	ug/L	94
59) Bromoform	10.286	173	18646	5.521	ug/L	97
60) Isopropylbenzene	10.476	105	203231	5.040	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	29702	5.988	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	169452	4.982	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	167129	4.979	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	95785	5.226	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	91214	5.084	ug/L	100
67) 1,2-Dichlorobenzene	12.206	146	87997	5.499	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.990	75	6052	6.150	ug/L	93
69) 1,3,5-Trichlorobenzene	13.212	180	65852	4.994	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	50420	5.089	ug/L	97
71) Naphthalene	14.080	128	68802	5.085	ug/L	98
72) 1,2,3-Trichlorobenzene	14.325	180	41480	5.301	ug/L	98

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

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