Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121923\
Data File : VU057054.D
Acq On : 19 Dec 2023 19:11
Operator : MD/SY
Sample : 05771-10MSD
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0YA5MSD

Quant Time: Dec 20 05:00:35 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Dec 20 04:54:16 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	212313	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	206171	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	105213	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	69411	3.814	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 76.200%			
7) Chloroethane-d5	1.908	69	51471	3.779	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 75.600%			
11) 1,1-Dichloroethene-d2	2.563	65	30224	3.882	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 77.600%			
20) 2-Butanone-d5	4.618	46	135913	37.817	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 75.640%			
24) Chloroform-d	5.055	84	146262	4.244	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.800%			
26) 1,2-Dichloroethane-d4	5.695	65	70736	4.338	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.800%			
32) Benzene-d6	5.721	84	261034	4.082	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 81.600%			
36) 1,2-Dichloropropane-d6	6.682	67	79531	3.973	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 79.400%			
41) Toluene-d8	7.891	98	241397	4.224	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.400%			
43) trans-1,3-Dichloroprop...	8.174	79	31286	4.031	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 80.600%			
46) 2-Hexanone-d5	8.628	63	120092	41.021	ug/L	-0.01
Spiked Amount 50.000	Range 45 - 130		Recovery = 82.040%			
56) 1,1,2,2-Tetrachloroeth...	10.750	84	62482	4.315	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 86.200%			
66) 1,2-Dichlorobenzene-d4	12.187	152	84074	4.065	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 81.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	100596	4.522	ug/L	99
3) Chloromethane	1.515	50	106680	4.877	ug/L	99
5) Vinyl chloride	1.602	62	105667	4.864	ug/L	100
6) Bromomethane	1.853	94	53099	4.146	ug/L	100
8) Chloroethane	1.930	64	59820	4.701	ug/L	96
9) Trichlorofluoromethane	2.133	101	164408	5.370	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	87614	4.666	ug/L	97
12) 1,1-Dichloroethene	2.576	96	78031	4.527	ug/L	92
13) Acetone	2.628	43	104876	47.884	ug/L	95
14) Carbon disulfide	2.789	76	229505	3.838	ug/L	98
15) Methyl Acetate	2.949	43	24697	4.142	ug/L	94
16) Methylene chloride	3.039	84	85750	4.566	ug/L	97
17) Methyl tert-butyl Ether	3.354	73	184275	4.821	ug/L	93
18) trans-1,2-Dichloroethene	3.345	96	79634	4.557	ug/L	96
19) 1,1-Dichloroethane	3.859	63	157480	4.684	ug/L	98
21) 2-Butanone	4.698	43	159773	43.257	ug/L	99
22) cis-1,2-Dichloroethene	4.657	96	96619	5.082	ug/L	99
23) Bromochloromethane	4.965	128	38498	4.837	ug/L	92
25) Chloroform	5.078	83	199586	5.667	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.785	62	102016	4.898	ug/L		97
29) 1,1,1-Trichloroethane	5.306	97	158769	5.327	ug/L		97
30) Cyclohexane	5.383	56	130822	4.677	ug/L		98
31) Carbon tetrachloride	5.518	117	134511	5.193	ug/L		100
33) Benzene	5.766	78	386350	5.332	ug/L		100
34) Trichloroethene	6.538	95	123350	6.206	ug/L		95
35) Methylcyclohexane	6.756	83	138513	4.722	ug/L		98
37) 1,2-Dichloropropane	6.785	63	89211	4.813	ug/L		100
38) Bromodichloromethane	7.097	83	127809	5.407	ug/L		97
39) cis-1,3-Dichloropropene	7.602	75	127528	4.721	ug/L		100
40) 4-Methyl-2-pentanone	7.785	43	412075	46.820	ug/L		98
42) Toluene	7.962	91	475959	6.349	ug/L		99
44) trans-1,3-Dichloropropene	8.206	75	108366	4.894	ug/L		100
45) 1,1,2-Trichloroethane	8.393	97	64223	5.125	ug/L		96
47) Tetrachloroethene	8.547	164	67251	4.835	ug/L		97
48) 2-Hexanone	8.679	43	299460	47.773	ug/L		99
49) Dibromochloromethane	8.804	129	74917	5.201	ug/L		99
50) 1,2-Dibromoethane	8.917	107	56261	4.838	ug/L		99
51) Chlorobenzene	9.441	112	231288	4.840	ug/L		99
52) Ethylbenzene	9.563	91	430124	5.201	ug/L		98
53) m,p-Xylene	9.689	106	162123	5.262	ug/L		98
54) o-Xylene	10.094	106	151943	5.176	ug/L		99
55) Styrene	10.110	104	252605	5.240	ug/L		100
57) 1,1,2,2-Tetrachloroethane	10.775	83	73424	4.850	ug/L	#	99
59) Bromoform	10.283	173	43029	5.009	ug/L		100
60) Isopropylbenzene	10.480	105	398453	4.793	ug/L		99
61) 1,2,3-Trichloropropane	10.817	75	51951	4.599	ug/L		98
62) 1,3,5-Trimethylbenzene	11.081	105	322789	4.751	ug/L		100
63) 1,2,4-Trimethylbenzene	11.460	105	333021	4.935	ug/L		100
64) 1,3-Dichlorobenzene	11.740	146	185119	4.708	ug/L		99
65) 1,4-Dichlorobenzene	11.830	146	178679	4.615	ug/L		99
67) 1,2-Dichlorobenzene	12.206	146	167589	4.678	ug/L		98
68) 1,2-Dibromo-3-chloropr...	12.988	75	11267	4.995	ug/L		94
69) 1,3,5-Trichlorobenzene	13.213	180	134250	4.518	ug/L		100
70) 1,2,4-trichlorobenzene	13.833	180	102967	4.376	ug/L		99
71) Naphthalene	14.081	128	141046	4.096	ug/L		98
72) 1,2,3-Trichlorobenzene	14.325	180	84949	4.253	ug/L		99

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

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