Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072522\
Data File : VU049902.D
Acq On : 26 Jul 2022 06:20
Operator : SY/MD
Sample : N3870-17MS
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBJ15MS

Quant Time: Jul 26 06:52:24 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072222WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Jul 26 06:46:04 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	74649	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	71863	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	36238	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	28098	4.649	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 93.000%			
7) Chloroethane-d5	1.909	69	25142	4.971	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 99.400%			
11) 1,1-Dichloroethene-d2	2.565	65	12503	4.635	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 92.800%			
20) 2-Butanone-d5	4.629	46	141174	64.923	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 129.840%			
24) Chloroform-d	5.064	84	71094	5.282	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.600%			
26) 1,2-Dichloroethane-d4	5.703	65	41995	5.321	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.400%			
32) Benzene-d6	5.726	84	124662	5.091	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.800%			
36) 1,2-Dichloropropane-d6	6.690	67	44812	5.297	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 106.000%			
41) Toluene-d8	7.896	98	104461	4.880	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.600%			
43) trans-1,3-Dichloroprop...	8.179	79	14676	4.778	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 95.600%			
46) 2-Hexanone-d5	8.632	63	71024	58.355	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 116.720%			
56) 1,1,2,2-Tetrachloroeth...	10.755	84	42267	5.949	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 119.000%			
66) 1,2-Dichlorobenzene-d4	12.192	152	38999	5.214	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 104.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	47244	5.995	ug/L	100
3) Chloromethane	1.520	50	47049	4.852	ug/L	99
5) Vinyl chloride	1.604	62	42135	5.197	ug/L	99
6) Bromomethane	1.858	94	19788	4.514	ug/L	99
8) Chloroethane	1.932	64	22740	4.868	ug/L	99
9) Trichlorofluoromethane	2.138	101	55769	5.595	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	44464	9.121	ug/L	98
12) 1,1-Dichloroethene	2.578	96	29840	6.050	ug/L	88
13) Acetone	2.639	43	74048	56.615	ug/L	96
14) Carbon disulfide	2.790	76	74877	4.907	ug/L	100
15) Methyl Acetate	2.954	43	8333	2.556	ug/L	98
16) Methylene chloride	3.044	84	34153	3.070	ug/L	98
17) Methyl tert-butyl Ether	3.366	73	78136	4.890	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	29210	5.123	ug/L	96
19) 1,1-Dichloroethane	3.871	63	70099	5.689	ug/L	97
21) 2-Butanone	4.710	43	121374	54.717	ug/L	92
22) cis-1,2-Dichloroethene	4.665	96	221065	33.476	ug/L	95
23) Bromochloromethane	4.977	128	15511	5.258	ug/L	94
25) Chloroform	5.089	83	65175	4.986	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.793	62	44967	5.008	ug/L		99
29) 1,1,1-Trichloroethane	5.318	97	55422	5.494	ug/L		97
30) Cyclohexane	5.388	56	47064	5.761	ug/L		98
31) Carbon tetrachloride	5.527	117	43700	5.335	ug/L		96
33) Benzene	5.774	78	131350	5.037	ug/L		100
34) Trichloroethene	6.543	95	320079	50.625	ug/L		98
35) Methylcyclohexane	6.761	83	44265	5.676	ug/L		98
37) 1,2-Dichloropropane	6.790	63	38564	5.189	ug/L		98
38) Bromodichloromethane	7.105	83	46384	4.995	ug/L		97
39) cis-1,3-Dichloropropene	7.607	75	42639	4.353	ug/L		97
40) 4-Methyl-2-pentanone	7.790	43	278104	53.647	ug/L		100
42) Toluene	7.970	91	132621	5.085	ug/L		100
44) trans-1,3-Dichloropropene	8.211	75	37689	4.457	ug/L		95
45) 1,1,2-Trichloroethane	8.398	97	26591	5.014	ug/L		96
47) Tetrachloroethene	8.552	164	126809	29.136	ug/L		98
48) 2-Hexanone	8.684	43	224703	58.076	ug/L		97
49) Dibromochloromethane	8.809	129	31842	5.371	ug/L		99
50) 1,2-Dibromoethane	8.925	107	25217	5.353	ug/L		100
51) Chlorobenzene	9.446	112	78567	4.745	ug/L		99
52) Ethylbenzene	9.571	91	129461	4.828	ug/L		99
53) m,p-Xylene	9.694	106	46478	4.711	ug/L		97
54) o-Xylene	10.099	106	46623	4.783	ug/L		97
55) Styrene	10.099	104	3046	0.184	ug/L	#	1
57) 1,1,2,2-Tetrachloroethane	10.780	83	38436	5.610	ug/L		94
59) Bromoform	10.292	173	17757	5.630	ug/L		96
60) Isopropylbenzene	10.485	105	117240	4.890	ug/L		99
61) 1,2,3-Trichloropropane	10.822	75	26126	5.411	ug/L		96
62) 1,3,5-Trimethylbenzene	11.086	105	89128	4.400	ug/L		98
63) 1,2,4-Trimethylbenzene	11.468	105	91826	4.670	ug/L		99
64) 1,3-Dichlorobenzene	11.745	146	54922	4.633	ug/L		98
65) 1,4-Dichlorobenzene	11.835	146	52937	4.514	ug/L		97
67) 1,2-Dichlorobenzene	12.211	146	57614	4.920	ug/L		95
68) 1,2-Dibromo-3-chloropr...	12.996	75	6146	5.690	ug/L		96
69) 1,3,5-Trichlorobenzene	13.218	180	36972	4.225	ug/L		99
70) 1,2,4-trichlorobenzene	13.838	180	28543	3.885	ug/L		99
71) Naphthalene	14.086	128	57924	4.044	ug/L		99
72) 1,2,3-Trichlorobenzene	14.330	180	29265	4.144	ug/L		94

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

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