Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012022\
Data File : VU046812.D
Acq On : 20 Jan 2022 15:38
Operator : SY/MD
Sample : N1192-02MS
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBCM2MS

Quant Time: Jan 21 01:01:21 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jan 20 02:00:32 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	88832	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	93775	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	47189	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	38763	5.150	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 103.000%			
7) Chloroethane-d5	1.916	69	32011	5.397	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 108.000%			
11) 1,1-Dichloroethene-d2	2.571	65	15770	5.267	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 105.400%			
20) 2-Butanone-d5	4.655	46	120548	54.059	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 108.120%			
24) Chloroform-d	5.067	84	71728	5.428	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 108.600%			
26) 1,2-Dichloroethane-d4	5.703	65	40260	5.595	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 111.800%			
32) Benzene-d6	5.729	84	143819	5.218	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.400%			
36) 1,2-Dichloropropane-d6	6.693	67	44500	5.378	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 107.600%			
41) Toluene-d8	7.899	98	128655	5.100	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.000%			
43) trans-1,3-Dichloroprop...	8.182	79	17783	4.893	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 97.800%			
46) 2-Hexanone-d5	8.636	63	111016	51.592	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 103.180%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	43511	5.237	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 104.800%			
66) 1,2-Dichlorobenzene-d4	12.195	152	45879	5.184	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	49027	5.867	ug/L	100
3) Chloromethane	1.520	50	41021	5.961	ug/L	100
5) Vinyl chloride	1.604	62	41721	5.824	ug/L	98
6) Bromomethane	1.861	94	24618	5.492	ug/L	99
8) Chloroethane	1.938	64	24372	5.910	ug/L	98
9) Trichlorofluoromethane	2.141	101	52119	5.970	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	28355	5.463	ug/L	95
12) 1,1-Dichloroethene	2.584	96	28744	5.795	ug/L	82
13) Acetone	2.674	43	50257	41.437	ug/L	88
14) Carbon disulfide	2.797	76	88761	5.449	ug/L	100
15) Methyl Acetate	2.964	43	8302	3.134	ug/L #	81
16) Methylene chloride	3.051	84	31908	5.327	ug/L	93
17) Methyl tert-butyl Ether	3.366	73	73850	5.307	ug/L	98
18) trans-1,2-Dichloroethene	3.356	96	29175	5.430	ug/L	92
19) 1,1-Dichloroethane	3.874	63	51759	5.739	ug/L	97
21) 2-Butanone	4.729	43	90691	46.495	ug/L	98
22) cis-1,2-Dichloroethene	4.671	96	32184	5.679	ug/L	97
23) Bromochloromethane	4.980	128	16049	5.756	ug/L	89
25) Chloroform	5.092	83	55910	3.905	ug/L	99

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jan 20 02:00:32 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	38089	6.028	ug/L	99
29) 1,1,1-Trichloroethane	5.321	97	47767	5.655	ug/L	98
30) Cyclohexane	5.391	56	44936	5.245	ug/L	96
31) Carbon tetrachloride	5.526	117	40445	5.581	ug/L	100
33) Benzene	5.777	78	123522	5.595	ug/L	100
34) Trichloroethene	6.542	95	31102	5.426	ug/L	98
35) Methylcyclohexane	6.764	83	46085	4.800	ug/L	96
37) 1,2-Dichloropropane	6.793	63	30765	5.680	ug/L	98
38) Bromodichloromethane	7.108	83	40017	5.134	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	42659	5.048	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	213355	53.733	ug/L	95
42) Toluene	7.970	91	132669	5.027	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	38364	5.096	ug/L	96
45) 1,1,2-Trichloroethane	8.401	97	25516	5.537	ug/L	96
47) Tetrachloroethene	8.555	164	24092	5.168	ug/L	93
48) 2-Hexanone	8.687	43	156839	52.330	ug/L	95
49) Dibromochloromethane	8.812	129	29437	5.416	ug/L	93
50) 1,2-Dibromoethane	8.925	107	24217	5.185	ug/L	97
51) Chlorobenzene	9.449	112	81939	5.346	ug/L	98
52) Ethylbenzene	9.571	91	132275	5.272	ug/L	99
53) m,p-Xylene	9.693	106	51020	5.101	ug/L	96
54) o-Xylene	10.102	106	49560	5.112	ug/L	96
55) Styrene	10.115	104	82840	5.223	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.783	83	33323	5.378	ug/L	96
59) Bromoform	10.291	173	17436	6.000	ug/L	98
60) Isopropylbenzene	10.484	105	128253	5.834	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	24670	6.170	ug/L	97
62) 1,3,5-Trimethylbenzene	11.089	105	94344	5.229	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	94050	5.065	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	58907	5.361	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	58447	5.286	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	58061	5.463	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.995	75	4759	5.734	ug/L	89
69) 1,3,5-Trichlorobenzene	13.221	180	33851	3.908	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	25833	3.567	ug/L	98
71) Naphthalene	14.085	128	50124	3.400	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	26636	3.894	ug/L	98

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

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