Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111022\
Data File : VU051812.D
Acq On : 10 Nov 2022 19:58
Operator : JC/MD
Sample : N5571-07MSD
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBMW5MSD

Quant Time: Nov 11 00:42:04 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 11 00:38:34 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	231188	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	230567	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	115122	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	69696	4.003	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 80.000%			
7) Chloroethane-d5	1.909	69	67388	3.711	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 74.200%			
11) 1,1-Dichloroethene-d2	2.565	65	29312	4.639	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 92.800%			
20) 2-Butanone-d5	4.620	46	228052	36.165	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 72.340%			
24) Chloroform-d	5.060	84	161246	3.957	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 79.200%			
26) 1,2-Dichloroethane-d4	5.700	65	79941	3.632	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 72.600%			
32) Benzene-d6	5.726	84	320102	4.399	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.000%			
36) 1,2-Dichloropropane-d6	6.690	67	104379	4.103	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 82.000%			
41) Toluene-d8	7.896	98	293025	5.121	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.400%			
43) trans-1,3-Dichloroprop...	8.176	79	36000	4.628	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 92.600%			
46) 2-Hexanone-d5	8.629	63	195993	41.852	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 83.700%			
56) 1,1,2,2-Tetrachloroeth...	10.755	84	101355	4.347	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 87.000%			
66) 1,2-Dichlorobenzene-d4	12.189	152	106019	5.018	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	86432	3.419	ug/L	99
3) Chloromethane	1.527	50	106327	3.336	ug/L	100
5) Vinyl chloride	1.604	62	107864	3.533	ug/L #	81
6) Bromomethane	1.848	94	74343	5.136	ug/L	99
8) Chloroethane	1.929	64	69579	3.753	ug/L	99
9) Trichlorofluoromethane	2.138	101	127187	3.795	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	79135	4.016	ug/L	98
12) 1,1-Dichloroethene	2.578	96	73384	3.651	ug/L	94
13) Acetone	2.623	43	162328	50.735	ug/L	99
14) Carbon disulfide	2.790	76	185117	2.857	ug/L	100
15) Methyl Acetate	2.948	43	38948	4.650	ug/L	95
16) Methylene chloride	3.044	84	103747	3.151	ug/L	99
17) Methyl tert-butyl Ether	3.363	73	212727	4.616	ug/L	99
18) trans-1,2-Dichloroethene	3.350	96	82638	3.831	ug/L	96
19) 1,1-Dichloroethane	3.867	63	173887	4.371	ug/L	98
21) 2-Butanone	4.697	43	261776	52.246	ug/L	99
22) cis-1,2-Dichloroethene	4.665	96	101529	4.254	ug/L	99
23) Bromochloromethane	4.970	128	48844	4.377	ug/L	97
25) Chloroform	5.086	83	188614	4.570	ug/L	100

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 11 00:38:34 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	110638	4.356	ug/L	99
29) 1,1,1-Trichloroethane	5.314	97	136466	4.359	ug/L	100
30) Cyclohexane	5.385	56	100772	3.496	ug/L	99
31) Carbon tetrachloride	5.523	117	113216	4.229	ug/L	100
33) Benzene	5.771	78	388076	4.265	ug/L	100
34) Trichloroethene	6.539	95	91359	4.161	ug/L	99
35) Methylcyclohexane	6.761	83	106887	3.521	ug/L	99
37) 1,2-Dichloropropane	6.790	63	108385	4.631	ug/L	100
38) Bromodichloromethane	7.105	83	133745	4.679	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	135145	4.501	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	651586	55.510	ug/L	100
42) Toluene	7.967	91	415429	4.446	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	119338	4.756	ug/L	98
45) 1,1,2-Trichloroethane	8.398	97	83724	4.882	ug/L	99
47) Tetrachloroethene	8.552	164	67092	3.990	ug/L	96
48) 2-Hexanone	8.681	43	480301	55.279	ug/L	99
49) Dibromochloromethane	8.806	129	96289	4.915	ug/L	98
50) 1,2-Dibromoethane	8.922	107	75847	4.902	ug/L	96
51) Chlorobenzene	9.446	112	269608	4.584	ug/L	99
52) Ethylbenzene	9.568	91	396928	4.402	ug/L	99
53) m,p-Xylene	9.690	106	158368	4.522	ug/L	99
54) o-Xylene	10.099	106	158517	4.631	ug/L	97
55) Styrene	10.111	104	280522	4.902	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.780	83	114725	5.395	ug/L	100
59) Bromoform	10.288	173	56949	5.354	ug/L	100
60) Isopropylbenzene	10.481	105	392445	4.670	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	77433	5.201	ug/L	100
62) 1,3,5-Trimethylbenzene	11.086	105	101255	4.475	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	292996	4.491	ug/L	98
64) 1,3-Dichlorobenzene	11.742	146	204324	4.884	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	201162	4.795	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	202070	4.958	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	16745	5.463	ug/L	97
69) 1,3,5-Trichlorobenzene	13.217	180	138504	4.644	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	109205	4.770	ug/L	98
71) Naphthalene	14.086	128	210728	4.931	ug/L	98
72) 1,2,3-Trichlorobenzene	14.327	180	114258	4.942	ug/L	100

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

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