Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080822\
Data File : VU050147.D
Acq On : 08 Aug 2022 20:09
Operator : SY/MD
Sample : N4070-14MSD
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBJL3MSD

Quant Time: Aug 09 01:59:53 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Aug 09 00:39:33 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.308	114	84530	5.000	ug/L	0.06
28) Chlorobenzene-d5	9.433	117	86333	5.000	ug/L	0.02
58) 1,4-Dichlorobenzene-d4	11.816	152	41393	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.610	65	40390	5.742	ug/L	0.01
Spiked Amount 5.000	Range 40 - 130		Recovery = 114.800%			
7) Chloroethane-d5	1.938	69	32751	5.771	ug/L	0.03
Spiked Amount 5.000	Range 65 - 130		Recovery = 115.400%			
11) 1,1-Dichloroethene-d2	2.597	65	15990	5.816	ug/L	0.04
Spiked Amount 5.000	Range 60 - 125		Recovery = 116.400%			
20) 2-Butanone-d5	4.700	46	79620	46.413	ug/L	0.06
Spiked Amount 50.000	Range 40 - 130		Recovery = 92.820%			
24) Chloroform-d	5.118	84	74858	5.721	ug/L	0.05
Spiked Amount 5.000	Range 70 - 125		Recovery = 114.400%			
26) 1,2-Dichloroethane-d4	5.777	65	36203	5.389	ug/L	0.07
Spiked Amount 5.000	Range 70 - 130		Recovery = 107.800%			
32) Benzene-d6	5.800	84	142956	5.306	ug/L	0.07
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.200%			
36) 1,2-Dichloropropane-d6	6.742	67	48131	5.425	ug/L	0.05
Spiked Amount 5.000	Range 60 - 140		Recovery = 108.600%			
41) Toluene-d8	7.925	98	130877	5.500	ug/L	0.03
Spiked Amount 5.000	Range 70 - 130		Recovery = 110.000%			
43) trans-1,3-Dichloroprop...	8.205	79	16504	5.191	ug/L	0.03
Spiked Amount 5.000	Range 55 - 130		Recovery = 103.800%			
46) 2-Hexanone-d5	8.658	63	69174	61.357	ug/L	0.02
Spiked Amount 50.000	Range 45 - 130		Recovery = 122.720%			
56) 1,1,2,2-Tetrachloroeth...	10.764	84	41977	5.388	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 107.800%			
66) 1,2-Dichlorobenzene-d4	12.198	152	41590	5.128	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.392	85	41247	5.322	ug/L	99
3) Chloromethane	1.530	50	53321	5.260	ug/L	99
5) Vinyl chloride	1.617	62	49406	5.440	ug/L	100
6) Bromomethane	1.884	94	31743	5.476	ug/L	99
8) Chloroethane	1.961	64	33135	6.192	ug/L	97
9) Trichlorofluoromethane	2.166	101	54995	5.530	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.610	101	28382	5.130	ug/L	97
12) 1,1-Dichloroethene	2.610	96	30780	5.268	ug/L	95
13) Acetone	2.684	43	38551	40.352	ug/L	91
14) Carbon disulfide	2.822	76	100651	4.823	ug/L	99
15) Methyl Acetate	3.002	43	13949	5.348	ug/L	90
16) Methylene chloride	3.080	84	37422	4.192	ug/L	94
17) Methyl tert-butyl Ether	3.424	73	90312	5.922	ug/L	98
18) trans-1,2-Dichloroethene	3.388	96	33969	5.192	ug/L	86
19) 1,1-Dichloroethane	3.912	63	69672	5.624	ug/L	100
21) 2-Butanone	4.777	43	73728	42.916	ug/L	98
22) cis-1,2-Dichloroethene	4.697	96	87284	12.020	ug/L	93
23) Bromochloromethane	5.022	128	18525	5.338	ug/L	97
25) Chloroform	5.144	83	71705	5.429	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.867	62	44343	5.516	ug/L	99
29) 1,1,1-Trichloroethane	5.379	97	54985	5.192	ug/L	98
30) Cyclohexane	5.446	56	43982	4.766	ug/L	100
31) Carbon tetrachloride	5.597	117	44925	5.175	ug/L	99
33) Benzene	5.845	78	157969	5.222	ug/L	100
34) Trichloroethene	6.594	95	1430188	195.497	ug/L	97
35) Methylcyclohexane	6.809	83	49080	5.197	ug/L	99
37) 1,2-Dichloropropane	6.841	63	42249	5.244	ug/L	99
38) Bromodichloromethane	7.147	83	51710	5.284	ug/L	98
39) cis-1,3-Dichloropropene	7.639	75	52024	4.948	ug/L	99
40) 4-Methyl-2-pentanone	7.829	43	252768	54.164	ug/L	100
42) Toluene	7.996	91	162305	5.350	ug/L	98
44) trans-1,3-Dichloropropene	8.237	75	44223	4.904	ug/L	97
45) 1,1,2-Trichloroethane	8.423	97	31968	5.308	ug/L	95
47) Tetrachloroethene	8.575	164	26874	5.127	ug/L	97
48) 2-Hexanone	8.710	43	204996	56.795	ug/L	97
49) Dibromochloromethane	8.832	129	35380	5.307	ug/L	95
50) 1,2-Dibromoethane	8.944	107	29433	5.390	ug/L	97
51) Chlorobenzene	9.462	112	97140	5.089	ug/L	98
52) Ethylbenzene	9.584	91	146389	4.945	ug/L	100
53) m,p-Xylene	9.706	106	56927	5.222	ug/L	98
54) o-Xylene	10.111	106	56510	5.193	ug/L	98
55) Styrene	10.124	104	93657	5.152	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.790	83	42252	5.339	ug/L	97
59) Bromoform	10.301	173	19755	4.759	ug/L	98
60) Isopropylbenzene	10.494	105	137985	4.992	ug/L	100
61) 1,2,3-Trichloropropane	10.832	75	28470	5.049	ug/L	99
62) 1,3,5-Trimethylbenzene	11.095	105	35048	4.487	ug/L	97
63) 1,2,4-Trimethylbenzene	11.472	105	100235	4.711	ug/L	99
64) 1,3-Dichlorobenzene	11.751	146	69821	5.011	ug/L	96
65) 1,4-Dichlorobenzene	11.841	146	66642	4.915	ug/L	99
67) 1,2-Dichlorobenzene	12.217	146	68229	5.057	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.999	75	6115	5.531	ug/L	98
69) 1,3,5-Trichlorobenzene	13.221	180	46409	4.676	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	37715	5.015	ug/L	98
71) Naphthalene	14.089	128	73853	4.789	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	38759	5.084	ug/L	98

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

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