Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110222\
Data File : VU051701.D
Acq On : 02 Nov 2022 19:26
Operator : JC/MD
Sample : N5321-21MS
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBWU9MS

Quant Time: Nov 03 01:50:35 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 03 01:45:18 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	185362	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	192393	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	103603	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	76835	5.504	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 110.000%			
7) Chloroethane-d5	1.906	69	68382	4.697	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 94.000%			
11) 1,1-Dichloroethene-d2	2.562	65	29967	5.915	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 118.200%			
20) 2-Butanone-d5	4.616	46	209500	41.437	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 82.880%			
24) Chloroform-d	5.060	84	163124	4.993	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.800%			
26) 1,2-Dichloroethane-d4	5.700	65	79691	4.516	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.400%			
32) Benzene-d6	5.726	84	310800	5.119	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.400%			
36) 1,2-Dichloropropane-d6	6.690	67	101130	4.764	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.200%			
41) Toluene-d8	7.896	98	284444	5.958	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 119.200%			
43) trans-1,3-Dichloroprop...	8.179	79	31596	4.867	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 97.400%			
46) 2-Hexanone-d5	8.629	63	177494	45.422	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 90.840%			
56) 1,1,2,2-Tetrachloroeth...	10.754	84	94241	4.844	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.800%			
66) 1,2-Dichlorobenzene-d4	12.192	152	101888	5.358	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 107.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.382	85	105529	5.206	ug/L	99
3) Chloromethane	1.523	50	124747	4.882	ug/L	99
5) Vinyl chloride	1.600	62	131623	5.377	ug/L #	47
6) Bromomethane	1.845	94	28925	2.492	ug/L	99
8) Chloroethane	1.928	64	78588	5.287	ug/L	90
9) Trichlorofluoromethane	2.134	101	145091	5.400	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	84391	5.342	ug/L	99
12) 1,1-Dichloroethene	2.575	96	86508	5.368	ug/L	91
13) Acetone	2.623	43	159460	62.160	ug/L	99
14) Carbon disulfide	2.790	76	269200	5.182	ug/L	99
15) Methyl Acetate	2.948	43	26027	3.875	ug/L	98
16) Methylene chloride	3.041	84	113300	4.293	ug/L	99
17) Methyl tert-butyl Ether	3.359	73	214798	5.813	ug/L	100
18) trans-1,2-Dichloroethene	3.350	96	94330	5.454	ug/L	97
19) 1,1-Dichloroethane	3.864	63	183120	5.741	ug/L	98
21) 2-Butanone	4.697	43	260453	64.833	ug/L	97
22) cis-1,2-Dichloroethene	4.661	96	113699	5.942	ug/L	99
23) Bromochloromethane	4.973	128	53097	5.934	ug/L	93
25) Chloroform	5.086	83	189544	5.728	ug/L	99

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Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	120194	5.902	ug/L	100
29) 1,1,1-Trichloroethane	5.314	97	144321	5.525	ug/L	99
30) Cyclohexane	5.385	56	121292	5.043	ug/L	98
31) Carbon tetrachloride	5.520	117	121267	5.428	ug/L	100
33) Benzene	5.771	78	423834	5.582	ug/L	100
34) Trichloroethene	6.539	95	100957	5.510	ug/L	98
35) Methylcyclohexane	6.761	83	123440	4.873	ug/L	99
37) 1,2-Dichloropropane	6.790	63	113501	5.812	ug/L	99
38) Bromodichloromethane	7.105	83	136350	5.716	ug/L	99
39) cis-1,3-Dichloropropene	7.603	75	124628	4.975	ug/L	99
40) 4-Methyl-2-pentanone	7.787	43	629137	64.232	ug/L	100
42) Toluene	7.967	91	442384	5.674	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	109673	5.238	ug/L	96
45) 1,1,2-Trichloroethane	8.398	97	83283	5.820	ug/L	99
47) Tetrachloroethene	8.552	164	76506	5.452	ug/L	95
48) 2-Hexanone	8.681	43	473020	65.243	ug/L	100
49) Dibromochloromethane	8.809	129	95589	5.847	ug/L	95
50) 1,2-Dibromoethane	8.922	107	76256	5.907	ug/L	96
51) Chlorobenzene	9.446	112	275023	5.604	ug/L	99
52) Ethylbenzene	9.568	91	410794	5.460	ug/L	100
53) m,p-Xylene	9.693	106	163853	5.607	ug/L	99
54) o-Xylene	10.099	106	163968	5.741	ug/L	98
55) Styrene	10.111	104	275991	5.780	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.780	83	109710	6.183	ug/L	98
59) Bromoform	10.288	173	53584	5.598	ug/L	98
60) Isopropylbenzene	10.481	105	402560	5.323	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	74538	5.564	ug/L	100
62) 1,3,5-Trimethylbenzene	11.086	105	99918	4.907	ug/L	97
63) 1,2,4-Trimethylbenzene	11.465	105	293453	4.998	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	201789	5.359	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	199617	5.288	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	200111	5.456	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	15636	5.668	ug/L	95
69) 1,3,5-Trichlorobenzene	13.217	180	133100	4.959	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	101664	4.934	ug/L	99
71) Naphthalene	14.086	128	187837	4.884	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	107886	5.185	ug/L	100

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

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