Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110222\
Data File : VU051720.D
Acq On : 03 Nov 2022 03:58
Operator : JC/MD
Sample : N5301-24MS
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBWP7MS

Quant Time: Nov 03 04:31:26 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 03 03:06:09 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	177842	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	189850	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	106839	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	67948	5.073	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 101.400%			
7) Chloroethane-d5	1.912	69	62021	4.440	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 88.800%			
11) 1,1-Dichloroethene-d2	2.565	65	25780	5.303	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 106.000%			
20) 2-Butanone-d5	4.626	46	189244	39.013	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 78.020%			
24) Chloroform-d	5.060	84	148830	4.748	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.000%			
26) 1,2-Dichloroethane-d4	5.700	65	70858	4.185	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.600%			
32) Benzene-d6	5.726	84	280914	4.689	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.800%			
36) 1,2-Dichloropropane-d6	6.687	67	90678	4.328	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 86.600%			
41) Toluene-d8	7.896	98	254829	5.409	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 108.200%			
43) trans-1,3-Dichloroprop...	8.179	79	30159	4.708	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 94.200%			
46) 2-Hexanone-d5	8.632	63	154699	40.118	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 80.240%			
56) 1,1,2,2-Tetrachloroeth...	10.754	84	85173	4.437	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 88.800%			
66) 1,2-Dichlorobenzene-d4	12.192	152	95082	4.849	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	102373	5.264	ug/L	99
3) Chloromethane	1.523	50	115832	4.724	ug/L	100
5) Vinyl chloride	1.600	62	148847	6.338	ug/L #	18
6) Bromomethane	1.854	94	32775	2.943	ug/L	97
8) Chloroethane	1.932	64	82440	5.781	ug/L	84
9) Trichlorofluoromethane	2.137	101	143754	5.576	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	83686	5.521	ug/L	99
12) 1,1-Dichloroethene	2.578	96	87393	5.653	ug/L	99
13) Acetone	2.636	43	139509	56.683	ug/L	99
14) Carbon disulfide	2.790	76	270782	5.433	ug/L	99
15) Methyl Acetate	2.951	43	29437	4.568	ug/L	91
16) Methylene chloride	3.044	84	106785	4.217	ug/L	100
17) Methyl tert-butyl Ether	3.362	73	200306	5.650	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	255210	15.381	ug/L	99
19) 1,1-Dichloroethane	3.867	63	177424	5.797	ug/L	98
21) 2-Butanone	4.706	43	238065	61.766	ug/L	94
22) cis-1,2-Dichloroethene	4.665	96	1243238	67.715	ug/L	98
23) Bromochloromethane	4.973	128	49294	5.742	ug/L	97
25) Chloroform	5.086	83	181558	5.718	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	107109	5.482	ug/L	99
29) 1,1,1-Trichloroethane	5.314	97	137371	5.329	ug/L	99
30) Cyclohexane	5.385	56	120175	5.063	ug/L	97
31) Carbon tetrachloride	5.523	117	118355	5.369	ug/L	99
33) Benzene	5.774	78	404697	5.402	ug/L	100
34) Trichloroethene	6.539	95	104894	5.802	ug/L	99
35) Methylcyclohexane	6.761	83	117530	4.701	ug/L	99
37) 1,2-Dichloropropane	6.790	63	104655	5.431	ug/L	99
38) Bromodichloromethane	7.105	83	130112	5.528	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	124081	5.019	ug/L	98
40) 4-Methyl-2-pentanone	7.790	43	542672	56.146	ug/L	98
42) Toluene	7.967	91	429435	5.581	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	107616	5.209	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	79815	5.652	ug/L	98
47) Tetrachloroethene	8.552	164	70721	5.107	ug/L	92
48) 2-Hexanone	8.681	43	409271	57.206	ug/L	100
49) Dibromochloromethane	8.809	129	89143	5.526	ug/L	99
50) 1,2-Dibromoethane	8.922	107	70085	5.501	ug/L	98
51) Chlorobenzene	9.446	112	262600	5.423	ug/L	99
52) Ethylbenzene	9.568	91	395415	5.326	ug/L	99
53) m,p-Xylene	9.693	106	158908	5.511	ug/L	99
54) o-Xylene	10.098	106	152620	5.416	ug/L	98
55) Styrene	10.111	104	267158	5.670	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	98243	5.611	ug/L	99
59) Bromoform	10.288	173	50164	5.082	ug/L	99
60) Isopropylbenzene	10.481	105	383671	4.919	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	68599	4.965	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	96364	4.589	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	279332	4.614	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	198415	5.110	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	203331	5.223	ug/L	97
67) 1,2-Dichlorobenzene	12.211	146	193501	5.116	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.992	75	14266	5.015	ug/L	90
69) 1,3,5-Trichlorobenzene	13.217	180	136754	4.941	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	107123	5.042	ug/L	98
71) Naphthalene	14.085	128	177961	4.487	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	106587	4.968	ug/L	99

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

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