Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052021\
Data File : BM030132.D
Acq On : 22 May 2021 03:34
Operator : CG/JU
Sample : PB136596BS
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS596

Manual Integrations APPROVED
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5/24/2021 1:53:25 PM

Quant Time: May 22 04:22:06 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 22 03:29:14 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	157232	20.00	ng/ul	-0.01
20) Naphthalene-d8	10.28	136	722227	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.16	164	484742	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.91	188	1012911	20.00	ng/ul	0.00
79) Chrysene-d12	21.10	240	1087929	20.00	ng/ul	0.00
88) Perylene-d12	23.24	264	993923	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.03	96	21601	5.49	ng/uL	0.00
4) Pyridine-d5	3.44	84	278863	28.29	ng/ul	-0.01
7) Phenol-d5	6.70	99	483513	33.07	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.86	67	309015	34.08	ng/ul	0.00
11) 2-Chlorophenol-d4	7.05	132	388141	34.39	ng/ul	0.00
15) 4-Methylphenol-d8	8.23	113	401239	33.18	ng/ul	0.00
21) Nitrobenzene-d5	8.66	128	193180	38.81	ng/ul	0.00
24) 2-Nitrophenol-d4	9.38	143	224464	39.96	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.92	165	406660	36.10	ng/ul	0.00
31) 4-Chloroaniline-d4	10.43	131	558989	32.61	ng/ul	-0.01
46) Dimethylphthalate-d6	13.58	166	1342137	35.72	ng/ul	0.00
49) Acenaphthylene-d8	13.85	160	1674501	35.17	ng/ul	0.00
54) 4-Nitrophenol-d4	14.40	143	219019	35.79	ng/ul	0.00
60) Fluorene-d10	15.16	176	1157994	36.31	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.30	200	250668	38.10	ng/ul	0.00
73) Anthracene-d10	17.01	188	1801229	35.31	ng/ul	0.00
81) Pyrene-d10	19.31	212	2033022	36.43	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.11	264	2043406	36.27	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.06	88	52332	12.282	ng/uL	93
5) Pyridine	3.46	79	265750	26.284	ng/ul	99
6) Benzaldehyde	6.66	77	241274	31.966	ng/ul	95
8) Phenol	6.72	94	446749	29.926	ng/ul	97
10) Bis(2-Chloroethyl)ether	6.95	93	338775	28.701	ng/ul	96
12) 2-Chlorophenol	7.07	128	346616	30.117	ng/ul	97
13) 2-Methylphenol	7.96	108	333360	29.473	ng/ul	95
14) 2,2'-oxybis(1-Chloropropan	8.03	45	579208	32.576	ng/ul	96
16) Acetophenone	8.33	105	576473	29.707	ng/ul	99
17) N-Nitroso-di-n-propylamine	8.32	70	324062	32.639	ng/ul	96
18) 4-Methylphenol	8.29	108	371348	29.616	ng/ul	99
19) Hexachloroethane	8.56	117	144416	29.700	ng/ul	96
22) Nitrobenzene	8.70	77	445147	34.324	ng/ul	97
23) Isophorone	9.23	82	863822	31.490	ng/ul	99
25) 2-Nitrophenol	9.41	139	212416	34.829	ng/ul	97
26) 2,4-Dimethylphenol	9.48	107	398423	28.952	ng/ul	96
27) Bis(2-Chloroethoxy)methane	9.72	93	504603	31.407	ng/ul	99
29) 2,4-Dichlorophenol	9.94	162	352764	31.889	ng/ul	98
30) Naphthalene	10.33	128	1193533	29.773	ng/ul	99
32) 4-Chloroaniline	10.45	127	465018	26.332	ng/ul	98
33) Hexachlorobutadiene	10.61	225	219368	29.577	ng/ul	97
34) Caprolactam	11.25	113	127998m	32.604	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.59	107	416176	33.996	ng/ul	100
36) 2-Methylnaphthalene	11.95	142	879065	30.229	ng/ul	97
37) 1-Methylnaphthalene	12.17	142	865803	30.043	ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	12.33	216	449179	29.987	ng/ul	98
40) Hexachlorocyclopentadiene	12.30	237	183914	23.637	ng/ul	99
41) 2,4,6-Trichlorophenol	12.58	196	304173	33.300	ng/ul	98
42) 2,4,5-Trichlorophenol	12.66	196	328245	33.954	ng/ul	98
43) 1,1'-Biphenyl	12.99	154	1161520	30.824	ng/ul	98
44) 2-Chloronaphthalene	13.03	162	904571	31.280	ng/ul	98
45) 2-Nitroaniline	13.25	65	304247	41.626	ng/ul	99
47) Dimethylphthalate	13.63	163	1218935	32.399	ng/ul	100
48) 2,6-Dinitrotoluene	13.76	165	259381	38.405	ng/ul	92
50) Acenaphthylene	13.88	152	1388297	30.147	ng/ul	98
51) 3-Nitroaniline	14.09	138	242730	31.992	ng/ul	96
52) Acenaphthene	14.22	153	1014742	31.179	ng/ul	99
53) 2,4-Dinitrophenol	14.30	184	127480	27.742	ng/ul	95
55) 4-Nitrophenol	14.41	109	156482	33.256	ng/ul	97
56) Dibenzofuran	14.56	168	1425135	31.971	ng/ul	99
57) 2,4-Dinitrotoluene	14.55	165	376630	37.685	ng/ul	87
58) 2,3,4,6-Tetrachlorophenol	14.80	232	303879	33.010	ng/ul	99
59) Diethylphthalate	15.00	149	1299529	33.118	ng/ul	99
61) Fluorene	15.22	166	1230025	32.278	ng/ul	100
62) 4-Chlorophenyl-phenylether	15.22	204	606754	32.403	ng/ul	98
63) 4-Nitroaniline	15.26	138	260135m	34.589	ng/ul	
66) 4,6-Dinitro-2-methylphenol	15.32	198	219979	33.973	ng/ul	99
67) N-Nitrosodiphenylamine	15.43	169	1043104	31.701	ng/ul	99
68) 4-Bromophenyl-phenylether	16.11	248	364179	32.301	ng/ul	98
69) Hexachlorobenzene	16.22	284	434476	32.451	ng/ul	96
70) Atrazine	16.40	200	379467	31.258	ng/ul	99
71) Pentachlorophenol	16.57	266	238487	31.086	ng/ul	98
72) Phenanthrene	16.95	178	1919293	32.135	ng/ul	100
74) Anthracene	17.04	178	1953958	32.001	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	12.95	216	458532	28.618	ng/uL	98
76) Pentachlorobenzene	14.48	250	458242	29.990	ng/uL	99
77) Carbazole	17.32	167	1714771	30.650	ng/ul	99
78) Di-n-butylphthalate	17.89	149	2313646	34.842	ng/ul	100
80) Fluoranthene	18.97	202	2272200	33.452	ng/ul	98
82) Pyrene	19.34	202	2369507	33.149	ng/ul	99
83) Butylbenzylphthalate	20.25	149	1068694	42.070	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.03	252	815909	32.965	ng/ul	99
85) Benzo(a)anthracene	21.09	228	2327484	32.790	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.03	149	1720273	39.276	ng/ul	99
87) Chrysene	21.14	228	2308224	32.650	ng/ul	99
89) Di-n-octyl phthalate	21.88	149	2857729	37.573	ng/ul	100
90) Benzo(b)fluoranthene	22.60	252	2366884	36.712	ng/ul	100
91) Benzo(k)fluoranthene	22.64	252	2239401	33.039	ng/ul	99
93) Benzo(a)pyrene	23.15	252	1968660	33.622	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.37	276	2246307	31.696	ng/ul	99
95) Dibenzo(a,h)anthracene	25.38	278	1906583	31.738	ng/ul	99
96) Benzo(g,h,i)perylene	26.02	276	1753645	30.541	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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