Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032921\
Data File : BF123505.D
Acq On : 29 Mar 2021 20:20
Operator : JU/CG
Sample : M1791-16MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EXTERIOR-SLAB-BRICK-1MS

Manual Integrations APPROVED
mohammad
3/30/2021 12:41:04 PM

Quant Time: Mar 30 00:33:57 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 26 12:51:59 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	287408	20.00	ng	0.00
21) Naphthalene-d8	8.187	136	1080514	20.00	ng	# 0.00
39) Acenaphthene-d10	9.945	164	580379	20.00	ng	0.00
64) Phenanthrene-d10	11.433	188	1023741	20.00	ng	0.00
76) Chrysene-d12	14.086	240	609018	20.00	ng	0.00
86) Perylene-d12	15.574	264	559781	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	1568755	89.29	ng	0.03
7) Phenol-d6	6.534	99	1860279	79.54	ng	0.00
23) Nitrobenzene-d5	7.463	82	1458128	72.83	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	648486	99.94	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2565487	63.15	ng	0.00
79) Terphenyl-d14	13.027	244	2536567	70.59	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.416	88	11612	1.37	ng	# 24
3) Pyridine	3.628	79	599515	26.98	ng	# 63
4) n-Nitrosodimethylamine	3.575	42	451555	33.97	ng	# 68
6) Aniline	6.563	93	240744	8.41	ng	# 92
8) 2-Chlorophenol	6.687	128	710668	36.68	ng	90
9) Benzaldehyde	6.451	77	373441	31.37	ng	96
10) Phenol	6.545	94	749079	31.20	ng	97
11) bis(2-Chloroethyl)ether	6.634	93	707652	36.97	ng	# 83
12) 1,3-Dichlorobenzene	6.845	146	746417	35.71	ng	98
13) 1,4-Dichlorobenzene	6.916	146	755777	36.15	ng	95
14) 1,2-Dichlorobenzene	7.069	146	722017	37.18	ng	96
15) Benzyl Alcohol	7.040	79	626297	34.20	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.175	45	1454948	33.87	ng	90
17) 2-Methylphenol	7.157	107	586039	36.79	ng	97
18) Hexachloroethane	7.416	117	286032	36.52	ng	99
19) n-Nitroso-di-n-propyla...	7.316	70	519845	34.37	ng	# 77
20) 3+4-Methylphenols	7.304	107	658728	33.20	ng	98
22) Acetophenone	7.310	105	966462	35.63	ng	# 83
24) Nitrobenzene	7.487	77	783967	35.42	ng	97
25) Isophorone	7.722	82	1413167	32.83	ng	97
26) 2-Nitrophenol	7.798	139	352176	44.51	ng	# 87
27) 2,4-Dimethylphenol	7.840	122	604991	34.38	ng	99
28) bis(2-Chloroethoxy)met...	7.934	93	862406	37.18	ng	99
29) 2,4-Dichlorophenol	8.040	162	600669	34.78	ng	96
30) 1,2,4-Trichlorobenzene	8.128	180	655315	34.79	ng	99
31) Naphthalene	8.210	128	1955718	33.66	ng	99
32) Benzoic acid	7.951	122	355187	34.21	ng	96
33) 4-Chloroaniline	8.251	127	92954	3.90	ng	# 90
34) Hexachlorobutadiene	8.328	225	397869	34.62	ng	99
35) Caprolactam	8.628	113	154841m	29.82	ng	
36) 4-Chloro-3-methylphenol	8.739	107	629392	34.73	ng	99
37) 2-Methylnaphthalene	8.898	142	1354700	34.02	ng	98
38) 1-Methylnaphthalene	8.998	142	1260979	33.73	ng	98
40) 1,2,4,5-Tetrachloroben...	9.069	216	622121	36.03	ng	99
41) Hexachlorocyclopentadiene	9.057	237	656160	68.05	ng	97
43) 2,4,6-Trichlorophenol	9.175	196	422610	34.95	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	460974	36.28	ng		96
46) 1,1'-Biphenyl	9.369	154	1613604	36.08	ng		97
47) 2-Chloronaphthalene	9.392	162	1251774	34.31	ng		98
48) 2-Nitroaniline	9.486	65	436419	39.42	ng	#	80
49) Acenaphthylene	9.810	152	2032008	35.61	ng		99
50) Dimethylphthalate	9.669	163	1416894	34.37	ng		100
51) 2,6-Dinitrotoluene	9.728	165	320866	37.26	ng	#	83
52) Acenaphthene	9.981	154	1322808	37.13	ng		99
53) 3-Nitroaniline	9.892	138	124883	13.73	ng		87
54) 2,4-Dinitrophenol	9.998	184	217405	55.97	ng	#	83
55) Dibenzofuran	10.151	168	1695087	33.09	ng		99
56) 4-Nitrophenol	10.057	139	454172	61.93	ng	#	63
57) 2,4-Dinitrotoluene	10.134	165	423557	39.41	ng		97
58) Fluorene	10.498	166	1296632	33.53	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.269	232	373904	36.05	ng		95
60) Diethylphthalate	10.369	149	1345929	33.45	ng		99
61) 4-Chlorophenyl-phenyle...	10.486	204	642389	33.99	ng		96
62) 4-Nitroaniline	10.510	138	274549	31.86	ng		95
63) Azobenzene	10.651	77	1396244	31.53	ng		92
65) 4,6-Dinitro-2-methylph...	10.539	198	161062	31.25	ng		84
66) n-Nitrosodiphenylamine	10.610	169	1139518	33.22	ng		98
67) 4-Bromophenyl-phenylether	10.980	248	422488	34.84	ng		96
68) Hexachlorobenzene	11.045	284	466692	34.93	ng		99
69) Atrazine	11.133	200	423245	38.82	ng		99
70) Pentachlorophenol	11.239	266	506327	63.50	ng		98
71) Phenanthrene	11.463	178	1866973	32.99	ng		99
72) Anthracene	11.516	178	1896256	33.31	ng		100
73) Carbazole	11.663	167	1701709	31.64	ng		99
74) Di-n-butylphthalate	11.998	149	2020665	33.00	ng		99
75) Fluoranthene	12.651	202	1928549	31.47	ng		98
77) Benzidine	12.769	184	195055	10.75	ng		97
78) Pyrene	12.880	202	1938622	36.90	ng		100
80) Butylbenzylphthalate	13.498	149	777345	39.89	ng		93
81) Benzo(a)anthracene	14.074	228	1355446	34.00	ng		98
82) 3,3'-Dichlorobenzidine	14.033	252	163660	12.62	ng		98
83) Chrysene	14.110	228	1335537	32.45	ng		100
84) Bis(2-ethylhexyl)phtha...	14.063	149	996285	38.84	ng		99
85) Di-n-octyl phthalate	14.680	149	1476194	36.41	ng	#	90
87) Indeno(1,2,3-cd)pyrene	17.092	276	1368842	39.35	ng		98
88) Benzo(b)fluoranthene	15.139	252	1160719	30.05	ng		99
89) Benzo(k)fluoranthene	15.168	252	1151444	31.54	ng		98
90) Benzo(a)pyrene	15.515	252	1034321	31.03	ng		98
91) Dibenzo(a,h)anthracene	17.115	278	1136294	38.48	ng		98
92) Benzo(g,h,i)perylene	17.557	276	1152742	39.00	ng		98

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

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