Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080321\
Data File : BF124928.D
Acq On : 3 Aug 2021 22:06
Operator : JU/CG
Sample : M3241-03MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SPLP-AMENDED-COM-6MS

Quant Time: Aug 04 05:46:12 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 02 11:15:51 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.845	152	6181	20.000	ng		-0.01
21) Naphthalene-d8	8.128	136	22291	20.000	ng		#-0.01
39) Acenaphthene-d10	9.886	164	11866	20.000	ng		0.00
64) Phenanthrene-d10	11.374	188	19080	20.000	ng		# 0.00
76) Chrysene-d12	14.010	240	11510	20.000	ng		#-0.01
86) Perylene-d12	15.474	264	11051	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.463	112	22250	60.949	ng		-0.01
7) Phenol-d6	6.475	99	16785	36.676	ng		-0.01
23) Nitrobenzene-d5	7.416	82	36540	97.563	ng		-0.01
42) 2,4,6-Tribromophenol	10.674	330	12790	125.538	ng		-0.01
45) 2-Fluorobiphenyl	9.204	172	73355	90.797	ng		-0.01
79) Terphenyl-d14	12.957	244	67880	101.092	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.634	88	3088	24.199	ng	#	100
3) Pyridine	3.393	79	5709	18.899	ng		95
4) n-Nitrosodimethylamine	3.328	42	4980	20.846	ng		85
6) Aniline	6.510	93	15872	33.746	ng		97
8) 2-Chlorophenol	6.628	128	15870	38.543	ng		88
9) Benzaldehyde	6.398	77	9444	38.328	ng		92
10) Phenol	6.486	94	7923	18.078	ng		99
11) bis(2-Chloroethyl)ether	6.581	93	18873	54.312	ng		96
12) 1,3-Dichlorobenzene	6.786	146	19864	44.388	ng		97
13) 1,4-Dichlorobenzene	6.863	146	20857	46.587	ng		97
14) 1,2-Dichlorobenzene	7.016	146	19498	45.075	ng		95
15) Benzyl Alcohol	6.986	79	10621	35.291	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.122	45	29851	51.039	ng		96
17) 2-Methylphenol	7.098	107	10351	34.508	ng		96
18) Hexachloroethane	7.357	117	8630	50.857	ng		91
19) n-Nitroso-di-n-propyla...	7.263	70	13978	57.198	ng		87
20) 3+4-Methylphenols	7.251	107	11586	29.234	ng	#	64
22) Acetophenone	7.257	105	28849	55.848	ng	#	96
24) Nitrobenzene	7.433	77	20271	55.206	ng		93
25) Isophorone	7.669	82	34567	52.197	ng		93
26) 2-Nitrophenol	7.745	139	9910	48.728	ng	#	79
27) 2,4-Dimethylphenol	7.781	122	14227	45.463	ng		87
28) bis(2-Chloroethoxy)met...	7.880	93	22857	59.393	ng		97
29) 2,4-Dichlorophenol	7.986	162	14938	45.072	ng		95
30) 1,2,4-Trichlorobenzene	8.069	180	18321	50.437	ng		98
31) Naphthalene	8.151	128	56159	48.276	ng		98
32) Benzoic acid	7.880	122	2735	11.291	ng		93
33) 4-Chloroaniline	8.198	127	12278	28.068	ng		94
34) Hexachlorobutadiene	8.269	225	10667	49.126	ng		96
36) 4-Chloro-3-methylphenol	8.675	107	14950	47.292	ng		88
37) 2-Methylnaphthalene	8.845	142	38607	49.670	ng		99
38) 1-Methylnaphthalene	8.945	142	35568	48.303	ng		94
40) 1,2,4,5-Tetrachloroben...	9.010	216	17776	53.691	ng		98
41) Hexachlorocyclopentadiene	8.998	237	14869	75.910	ng		93
43) 2,4,6-Trichlorophenol	9.122	196	10698	45.518	ng		93
44) 2,4,5-Trichlorophenol	9.157	196	11320	46.908	ng		92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.310	154	44193	49.894	ng		100
47) 2-Chloronaphthalene	9.333	162	35515	50.651	ng		97
48) 2-Nitroaniline	9.427	65	10532	57.364	ng	#	83
49) Acenaphthylene	9.751	152	54899	50.771	ng		98
50) Dimethylphthalate	9.610	163	41769	51.122	ng		98
51) 2,6-Dinitrotoluene	9.675	165	8679	48.082	ng		94
52) Acenaphthene	9.922	154	32674	45.583	ng		98
53) 3-Nitroaniline	9.839	138	5196	27.362	ng	#	78
54) 2,4-Dinitrophenol	9.951	184	7422	71.107	ng		87
55) Dibenzofuran	10.092	168	49664	48.486	ng		99
56) 4-Nitrophenol	9.998	139	4428	29.527	ng	#	83
57) 2,4-Dinitrotoluene	10.074	165	11942	48.752	ng		97
58) Fluorene	10.433	166	38375	48.838	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.210	232	8493	44.562	ng	#	94
60) Diethylphthalate	10.304	149	41821	49.223	ng		99
61) 4-Chlorophenyl-phenyle...	10.427	204	19547	51.459	ng		88
62) 4-Nitroaniline	10.457	138	7396	39.361	ng		91
63) Azobenzene	10.586	77	38796	51.614	ng		93
65) 4,6-Dinitro-2-methylph...	10.486	198	5321	43.063	ng		86
66) n-Nitrosodiphenylamine	10.545	169	31987	51.733	ng		96
67) 4-Bromophenyl-phenylether	10.916	248	11028	54.499	ng		92
68) Hexachlorobenzene	10.980	284	12003	57.115	ng		97
69) Atrazine	11.074	200	9256	49.237	ng		91
70) Pentachlorophenol	11.174	266	11403	87.258	ng		92
71) Phenanthrene	11.398	178	52629	51.285	ng		99
72) Anthracene	11.451	178	54621	53.241	ng		100
73) Carbazole	11.604	167	43748	45.492	ng		99
74) Di-n-butylphthalate	11.927	149	65327	51.001	ng		99
75) Fluoranthene	12.592	202	50077	47.819	ng		98
77) Benzidine	12.704	184	15237	46.945	ng		97
78) Pyrene	12.815	202	49700	54.543	ng		98
80) Butylbenzylphthalate	13.427	149	22708	52.031	ng		97
81) Benzo(a)anthracene	13.998	228	37242	49.499	ng		99
82) 3,3'-Dichlorobenzidine	13.962	252	11128	53.295	ng		99
83) Chrysene	14.039	228	37042	51.103	ng		97
84) Bis(2-ethylhexyl)phtha...	13.986	149	32179	50.056	ng	#	98
85) Di-n-octyl phthalate	14.592	149	49019	46.990	ng		99
87) Indeno(1,2,3-cd)pyrene	16.951	276	44065	69.067	ng		94
88) Benzo(b)fluoranthene	15.045	252	37748	48.515	ng		98
89) Benzo(k)fluoranthene	15.074	252	33655	47.339	ng	#	96
90) Benzo(a)pyrene	15.415	252	34638	53.292	ng		100
91) Dibenzo(a,h)anthracene	16.962	278	37091	66.409	ng		99
92) Benzo(g,h,i)perylene	17.392	276	37657	71.099	ng	#	88

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

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