Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062521\
Data File : BF124456.D
Acq On : 25 Jun 2021 17:33
Operator : JU/CG
Sample : M2824-03MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jun 25 18:32:18 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 25 13:23:23 2021
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
ABN-1MS

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.704	152	31353	20.000	ng		0.00
21) Naphthalene-d8	7.986	136	119347	20.000	ng	#	0.00
39) Acenaphthene-d10	9.739	164	73474	20.000	ng		0.00
64) Phenanthrene-d10	11.227	188	117071	20.000	ng	#	0.00
76) Chrysene-d12	13.868	240	86749	20.000	ng		0.00
86) Perylene-d12	15.292	264	79789	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.345	112	260629	130.733	ng		0.02
7) Phenol-d6	6.363	99	299898	115.211	ng		0.00
23) Nitrobenzene-d5	7.275	82	247898	86.123	ng		0.00
42) 2,4,6-Tribromophenol	10.539	330	107282	122.214	ng		0.00
45) 2-Fluorobiphenyl	9.063	172	482281	80.408	ng		0.00
79) Terphenyl-d14	12.810	244	412102	71.153	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.504	88	38701	45.145	ng	#	71
3) Pyridine	3.210	79	63124	33.579	ng	#	69
4) n-Nitrosodimethylamine	3.128	42	51155	50.440	ng	#	92
6) Aniline	6.381	93	41261	14.189	ng	#	1
8) 2-Chlorophenol	6.504	128	111780	50.452	ng		85
9) Benzaldehyde	6.263	77	58677	48.424	ng		94
10) Phenol	6.381	94	111865	39.745	ng		87
11) bis(2-Chloroethyl)ether	6.445	93	111010	54.536	ng		86
12) 1,3-Dichlorobenzene	6.645	146	131197	48.754	ng		95
13) 1,4-Dichlorobenzene	6.722	146	135677	49.723	ng		93
14) 1,2-Dichlorobenzene	6.875	146	125040	48.659	ng		98
15) Benzyl Alcohol	6.863	79	101411	45.419	ng		94
16) 2,2'-oxybis(1-Chloropr...	6.987	45	124179	47.555	ng	#	5
17) 2-Methylphenol	6.981	107	83606	47.157	ng	#	81
18) Hexachloroethane	7.210	117	50284	50.581	ng	#	86
19) n-Nitroso-di-n-propyla...	7.128	70	84515	48.279	ng	#	78
20) 3+4-Methylphenols	7.134	107	111798	48.310	ng	#	78
22) Acetophenone	7.122	105	164695	49.573	ng	#	85
24) Nitrobenzene	7.292	77	130436	45.360	ng		92
25) Isophorone	7.534	82	216586	43.765	ng		96
26) 2-Nitrophenol	7.610	139	62771	44.877	ng		87
27) 2,4-Dimethylphenol	7.657	122	93851	50.340	ng		94
28) bis(2-Chloroethoxy)met...	7.745	93	128685	51.301	ng	#	98
29) 2,4-Dichlorophenol	7.863	162	100303	45.323	ng		92
30) 1,2,4-Trichlorobenzene	7.934	180	115436	45.993	ng		96
31) Naphthalene	8.010	128	378195	53.862	ng		96
32) Benzoic acid	7.810	122	53826	49.231	ng		96
33) 4-Chloroaniline	8.086	127	8760	3.322	ng	#	87
34) Hexachlorobutadiene	8.128	225	72229	43.044	ng		97
35) Caprolactam	8.451	113	23465m	40.460	ng		
36) 4-Chloro-3-methylphenol	8.569	107	101049	45.205	ng	#	86
37) 2-Methylnaphthalene	8.698	142	232295	46.751	ng		99
38) 1-Methylnaphthalene	8.798	142	221690	47.968	ng		98
40) 1,2,4,5-Tetrachloroben...	8.869	216	119288	45.176	ng	#	97
41) Hexachlorocyclopentadiene	8.851	237	45545	222.293	ng		98
43) 2,4,6-Trichlorophenol	8.986	196	70158	42.340	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.039	196	73277	41.911	ng	#	91
46) 1,1'-Biphenyl	9.163	154	281680	45.106	ng		98
47) 2-Chloronaphthalene	9.192	162	220396	43.147	ng		94
48) 2-Nitroaniline	9.298	65	75062	44.670	ng		94
49) Acenaphthylene	9.604	152	326170	44.174	ng		97
50) Dimethylphthalate	9.475	163	264756	45.704	ng		98
51) 2,6-Dinitrotoluene	9.539	165	57914	43.280	ng	#	81
52) Acenaphthene	9.775	154	206948	44.140	ng		94
53) 3-Nitroaniline	9.710	138	19489	16.453	ng		89
54) 2,4-Dinitrophenol	9.827	184	35709	68.351	ng		87
55) Dibenzofuran	9.951	168	324672	43.448	ng		98
56) 4-Nitrophenol	9.898	139	47976	77.208	ng		95
57) 2,4-Dinitrotoluene	9.951	165	78830	44.444	ng		91
58) Fluorene	10.292	166	252182	43.920	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.075	232	54953	42.976	ng	#	93
60) Diethylphthalate	10.175	149	255528	44.330	ng		97
61) 4-Chlorophenyl-phenyle...	10.280	204	124634	43.801	ng		98
62) 4-Nitroaniline	10.327	138	42722	37.487	ng	#	83
63) Azobenzene	10.445	77	239499	41.741	ng		92
65) 4,6-Dinitro-2-methylph...	10.363	198	30196	35.983	ng	#	51
66) n-Nitrosodiphenylamine	10.404	169	211180	47.021	ng		93
67) 4-Bromophenyl-phenylether	10.769	248	75638	48.025	ng		96
68) Hexachlorobenzene	10.839	284	79546	46.486	ng		97
69) Atrazine	10.939	200	70819	61.120	ng		96
70) Pentachlorophenol	11.045	266	46952	109.880	ng		97
71) Phenanthrene	11.251	178	333422	45.180	ng		99
72) Anthracene	11.304	178	341679	46.467	ng		98
73) Carbazole	11.463	167	275912	43.054	ng		97
74) Di-n-butylphthalate	11.786	149	357772	46.883	ng		98
75) Fluoranthene	12.439	202	296100	39.870	ng		95
77) Benzidine	12.563	184	70201m	40.379	ng		
78) Pyrene	12.668	202	304144	38.409	ng		97
80) Butylbenzylphthalate	13.280	149	123207	39.183	ng		98
81) Benzo(a)anthracene	13.857	228	271645	43.433	ng		97
82) 3,3'-Dichlorobenzidine	13.815	252	47702	23.805	ng		99
83) Chrysene	13.892	228	265096	42.771	ng		99
84) Bis(2-ethylhexyl)phtha...	13.845	149	168911	40.094	ng		94
85) Di-n-octyl phthalate	14.457	149	296961	45.260	ng	#	89
87) Indeno(1,2,3-cd)pyrene	16.686	276	200154	31.810	ng		96
88) Benzo(b)fluoranthene	14.886	252	274968	45.477	ng		98
89) Benzo(k)fluoranthene	14.915	252	275596	49.822	ng		98
90) Benzo(a)pyrene	15.233	252	252411	46.979	ng		96
91) Dibenzo(a,h)anthracene	16.692	278	171779	31.694	ng		97
92) Benzo(g,h,i)perylene	17.103	276	156959	29.430	ng		99

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

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