Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122221\
Data File : BF126328.D
Acq On : 22 Dec 2021 14:28
Operator : JU/CG
Sample : PB141606BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 22 16:32:05 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 22 13:00:11 2021
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB141606BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2021
Supervised By :mohammad ahmed 12/29/2021

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.816	152	148872	20.000	ng		0.00
21) Naphthalene-d8	8.098	136	634845	20.000	ng	#	0.00
39) Acenaphthene-d10	9.857	164	290420	20.000	ng		0.00
64) Phenanthrene-d10	11.339	188	435867	20.000	ng	#	0.00
76) Chrysene-d12	13.974	240	225019	20.000	ng	#	0.00
86) Perylene-d12	15.427	264	240474	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	1095152	108.333	ng		0.01
7) Phenol-d6	6.451	99	1366973	106.495	ng		0.00
23) Nitrobenzene-d5	7.381	82	893703	76.243	ng		0.00
42) 2,4,6-Tribromophenol	10.645	330	257426	110.296	ng		0.00
45) 2-Fluorobiphenyl	9.180	172	1225667	74.019	ng		0.00
79) Terphenyl-d14	12.927	244	966273	74.638	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.622	88	179020	36.278	ng	#	100
3) Pyridine	3.351	79	396841	30.283	ng	#	77
4) n-Nitrosodimethylamine	3.298	42	212973	42.286	ng	#	1
6) Aniline	6.475	93	506592	31.071	ng		97
8) 2-Chlorophenol	6.598	128	463295	45.193	ng		89
9) Benzaldehyde	6.363	77	244137	31.519	ng		95
10) Phenol	6.463	94	589537	40.916	ng		91
11) bis(2-Chloroethyl)ether	6.551	93	490381	43.846	ng		97
12) 1,3-Dichlorobenzene	6.757	146	442130	42.754	ng		97
13) 1,4-Dichlorobenzene	6.834	146	444075	42.524	ng		94
14) 1,2-Dichlorobenzene	6.986	146	426118	44.132	ng		96
15) Benzyl Alcohol	6.957	79	360504	38.472	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.098	45	779300	42.579	ng		92
17) 2-Methylphenol	7.075	107	374752	41.729	ng		98
18) Hexachloroethane	7.333	117	176578	42.987	ng		98
19) n-Nitroso-di-n-propyla...	7.234	70	312026	39.597	ng	#	72
20) 3+4-Methylphenols	7.222	107	425849	40.110	ng	#	79
22) Acetophenone	7.228	105	602928	41.266	ng		96
24) Nitrobenzene	7.398	77	492647	42.101	ng		90
25) Isophorone	7.639	82	887529	40.095	ng	#	88
26) 2-Nitrophenol	7.716	139	233898	44.340	ng	#	84
27) 2,4-Dimethylphenol	7.757	122	407492	45.487	ng		100
28) bis(2-Chloroethoxy)met...	7.851	93	588649	40.447	ng	#	96
29) 2,4-Dichlorophenol	7.957	162	331795	41.667	ng		91
30) 1,2,4-Trichlorobenzene	8.039	180	338591	41.108	ng		98
31) Naphthalene	8.122	128	1258489	42.389	ng		99
32) Benzoic acid	7.875	122	242733	31.452	ng		91
33) 4-Chloroaniline	8.169	127	198979	16.051	ng		97
34) Hexachlorobutadiene	8.245	225	168730	41.710	ng		98
35) Caprolactam	8.539	113	121409m	61.349	ng		
36) 4-Chloro-3-methylphenol	8.657	107	389385	41.454	ng		92
37) 2-Methylnaphthalene	8.816	142	788808	43.143	ng		98
38) 1-Methylnaphthalene	8.916	142	726422	40.940	ng		97
40) 1,2,4,5-Tetrachloroben...	8.980	216	265975	42.433	ng	#	95
41) Hexachlorocyclopentadiene	8.969	237	300952	83.845	ng		97
43) 2,4,6-Trichlorophenol	9.092	196	191735	38.886	ng		91

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44) 2,4,5-Trichlorophenol	9.133	196	207047	40.549	ng		97
46) 1,1'-Biphenyl	9.280	154	918130	42.756	ng		97
47) 2-Chloronaphthalene	9.304	162	674354	41.739	ng		99
48) 2-Nitroaniline	9.398	65	243834	41.348	ng		92
49) Acenaphthylene	9.716	152	1040717	42.155	ng		98
50) Dimethylphthalate	9.580	163	753752	40.972	ng		98
51) 2,6-Dinitrotoluene	9.639	165	171026	42.951	ng	#	87
52) Acenaphthene	9.892	154	722435	45.123	ng		100
53) 3-Nitroaniline	9.804	138	118184	23.352	ng	#	74
54) 2,4-Dinitrophenol	9.916	184	150228	91.628	ng	#	78
55) Dibenzofuran	10.063	168	895605	41.087	ng		97
56) 4-Nitrophenol	9.969	139	267724	73.234	ng	#	78
57) 2,4-Dinitrotoluene	10.039	165	221671	43.642	ng	#	91
58) Fluorene	10.404	166	627473	39.763	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.180	232	158935	41.980	ng	#	99
60) Diethylphthalate	10.280	149	740341	40.045	ng		99
61) 4-Chlorophenyl-phenyle...	10.398	204	280558	39.487	ng		93
62) 4-Nitroaniline	10.422	138	176661	41.611	ng	#	74
63) Azobenzene	10.557	77	887733	39.644	ng		85
65) 4,6-Dinitro-2-methylph...	10.451	198	99732	41.902	ng		88
66) n-Nitrosodiphenylamine	10.516	169	593820	42.451	ng		97
67) 4-Bromophenyl-phenylether	10.886	248	175495	42.901	ng		90
68) Hexachlorobenzene	10.951	284	205208	43.617	ng		91
69) Atrazine	11.045	200	173993	67.873	ng		95
70) Pentachlorophenol	11.145	266	196875	75.428	ng		91
71) Phenanthrene	11.363	178	938835	41.733	ng		97
72) Anthracene	11.416	178	978566	43.338	ng		99
73) Carbazole	11.569	167	848536	39.904	ng		99
74) Di-n-butylphthalate	11.904	149	1107278	41.076	ng		100
75) Fluoranthene	12.551	202	838001	41.344	ng		93
77) Benzidine	12.674	184	245094	69.089	ng		99
78) Pyrene	12.780	202	851738	41.200	ng		96
80) Butylbenzylphthalate	13.404	149	381054	39.170	ng	#	86
81) Benzo(a)anthracene	13.968	228	533671	40.039	ng		99
82) 3,3'-Dichlorobenzidine	13.927	252	155247	25.495	ng	#	97
83) Chrysene	14.004	228	568063	41.019	ng		97
84) Bis(2-ethylhexyl)phtha...	13.962	149	437588	40.253	ng		100
85) Di-n-octyl phthalate	14.574	149	828787	42.767	ng		98
87) Indeno(1,2,3-cd)pyrene	16.862	276	748760	46.681	ng		93
88) Benzo(b)fluoranthene	15.004	252	635577m	43.988	ng		
89) Benzo(k)fluoranthene	15.033	252	582836	42.167	ng	#	95
90) Benzo(a)pyrene	15.368	252	610285	50.819	ng	#	95
91) Dibenzo(a,h)anthracene	16.880	278	633447	48.581	ng	#	95
92) Benzo(g,h,i)perylene	17.298	276	646310	47.908	ng		95

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

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