Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122021\
Data File : BF126272.D
Acq On : 20 Dec 2021 11:52
Operator : JU/CG
Sample : PB141530BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 20 14:10:02 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 16 12:22:48 2021
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB141530BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/21/2021
Supervised By :Jagrut Upadhyay 12/21/2021

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.816	152	183793	20.000	ng		0.00
21) Naphthalene-d8	8.104	136	780482	20.000	ng	#	0.00
39) Acenaphthene-d10	9.857	164	338901	20.000	ng		0.00
64) Phenanthrene-d10	11.339	188	494841	20.000	ng	#	0.00
76) Chrysene-d12	13.974	240	261067	20.000	ng	#	0.00
86) Perylene-d12	15.421	264	314358	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	1350732	108.228	ng		0.01
7) Phenol-d6	6.451	99	1683110	106.210	ng		0.00
23) Nitrobenzene-d5	7.381	82	1108928	76.951	ng		0.00
42) 2,4,6-Tribromophenol	10.645	330	294302	108.058	ng		0.00
45) 2-Fluorobiphenyl	9.181	172	1436702	74.352	ng		0.00
79) Terphenyl-d14	12.922	244	1064211	70.852	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.605	88	200889	32.975	ng	#	100
3) Pyridine	3.340	79	480192	29.681	ng	#	76
4) n-Nitrosodimethylamine	3.287	42	273453	43.978	ng	#	1
6) Aniline	6.481	93	800269	39.757	ng		96
8) 2-Chlorophenol	6.604	128	574284	45.376	ng		92
9) Benzaldehyde	6.363	77	331377	34.653	ng		94
10) Phenol	6.463	94	742454	41.738	ng		91
11) bis(2-Chloroethyl)ether	6.557	93	614862	44.531	ng		99
12) 1,3-Dichlorobenzene	6.757	146	545988	42.766	ng		98
13) 1,4-Dichlorobenzene	6.834	146	549823	42.647	ng		95
14) 1,2-Dichlorobenzene	6.987	146	530866	44.534	ng		96
15) Benzyl Alcohol	6.963	79	484979	41.922	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.098	45	989990	43.813	ng		93
17) 2-Methylphenol	7.069	107	469559	42.352	ng		98
18) Hexachloroethane	7.334	117	220943	43.568	ng		96
19) n-Nitroso-di-n-propyla...	7.234	70	397014	40.810	ng	#	73
20) 3+4-Methylphenols	7.222	107	522961	39.898	ng		88
22) Acetophenone	7.228	105	712858	39.686	ng		94
24) Nitrobenzene	7.398	77	616166	42.831	ng		91
25) Isophorone	7.640	82	1123171	41.272	ng	#	87
26) 2-Nitrophenol	7.716	139	289063	44.573	ng	#	84
27) 2,4-Dimethylphenol	7.757	122	502763	45.650	ng		98
28) bis(2-Chloroethoxy)met...	7.851	93	727731	40.673	ng	#	97
29) 2,4-Dichlorophenol	7.957	162	404811	41.350	ng		92
30) 1,2,4-Trichlorobenzene	8.045	180	419237	41.401	ng		98
31) Naphthalene	8.122	128	1534884	42.052	ng		99
32) Benzoic acid	7.875	122	316601	33.368	ng		92
33) 4-Chloroaniline	8.169	127	435235	28.559	ng		97
34) Hexachlorobutadiene	8.245	225	203629	40.944	ng		98
35) Caprolactam	8.539	113	148323m	60.963	ng		
36) 4-Chloro-3-methylphenol	8.651	107	474488	41.088	ng		90
37) 2-Methylnaphthalene	8.816	142	951358	42.324	ng		98
38) 1-Methylnaphthalene	8.916	142	876722	40.191	ng		98
40) 1,2,4,5-Tetrachloroben...	8.981	216	306375	41.886	ng	#	95
41) Hexachlorocyclopentadiene	8.975	237	388156	92.670	ng		94
43) 2,4,6-Trichlorophenol	9.092	196	232220	40.359	ng		92

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44)	2,4,5-Trichlorophenol	9.128	196	250638	42.064	ng	#	91
46)	1,1'-Biphenyl	9.281	154	1054078	42.064	ng		97
47)	2-Chloronaphthalene	9.304	162	809184	42.919	ng		97
48)	2-Nitroaniline	9.398	65	297709	43.262	ng		96
49)	Acenaphthylene	9.716	152	1247506	43.303	ng		97
50)	Dimethylphthalate	9.581	163	898779	41.866	ng		98
51)	2,6-Dinitrotoluene	9.639	165	203386	43.771	ng	#	90
52)	Acenaphthene	9.892	154	851197	45.560	ng		99
53)	3-Nitroaniline	9.804	138	174222	29.500	ng	#	74
54)	2,4-Dinitrophenol	9.910	184	162703	85.041	ng	#	80
55)	Dibenzofuran	10.063	168	1052869	41.392	ng		98
56)	4-Nitrophenol	9.963	139	333862	78.261	ng	#	76
57)	2,4-Dinitrotoluene	10.039	165	261181	44.064	ng	#	93
58)	Fluorene	10.404	166	731730	39.736	ng		98
59)	2,3,4,6-Tetrachlorophenol	10.181	232	183322	41.494	ng	#	100
60)	Diethylphthalate	10.281	149	868233	40.245	ng		99
61)	4-Chlorophenyl-phenyle...	10.398	204	321739	38.805	ng		94
62)	4-Nitroaniline	10.416	138	196256	39.613	ng	#	73
63)	Azobenzene	10.557	77	1067473	40.851	ng		84
65)	4,6-Dinitro-2-methylph...	10.445	198	110122	40.754	ng		94
66)	n-Nitrosodiphenylamine	10.516	169	686981	43.258	ng		97
67)	4-Bromophenyl-phenylether	10.886	248	203790	43.881	ng		94
68)	Hexachlorobenzene	10.951	284	232386	43.507	ng		93
69)	Atrazine	11.045	200	201470	69.225	ng		95
70)	Pentachlorophenol	11.145	266	227510	76.777	ng		92
71)	Phenanthrene	11.363	178	1071869	41.968	ng		97
72)	Anthracene	11.416	178	1122945	43.805	ng		99
73)	Carbazole	11.569	167	947704	39.256	ng		100
74)	Di-n-butylphthalate	11.904	149	1253646	40.963	ng		99
75)	Fluoranthene	12.551	202	925215	40.207	ng		92
77)	Benzidine	12.669	184	402109	97.698	ng		98
78)	Pyrene	12.775	202	941460	39.252	ng		98
80)	Butylbenzylphthalate	13.398	149	445858	39.503	ng	#	78
81)	Benzo(a)anthracene	13.963	228	626685	40.525	ng		99
82)	3,3'-Dichlorobenzidine	13.927	252	221053	31.289	ng	#	96
83)	Chrysene	13.998	228	692236	43.084	ng		98
84)	Bis(2-ethylhexyl)phtha...	13.963	149	522409	41.420	ng		99
85)	Di-n-octyl phthalate	14.574	149	1077801	47.937	ng		98
87)	Indeno(1,2,3-cd)pyrene	16.857	276	999352	47.661	ng	#	93
88)	Benzo(b)fluoranthene	15.004	252	805862	42.665	ng		96
89)	Benzo(k)fluoranthene	15.033	252	785159	43.453	ng	#	95
90)	Benzo(a)pyrene	15.363	252	814656	51.894	ng	#	95
91)	Dibenzo(a,h)anthracene	16.874	278	840353	49.302	ng	#	93
92)	Benzo(g,h,i)perylene	17.292	276	846039	47.973	ng		95

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

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