Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111021\
Data File : BF126100.D
Acq On : 10 Nov 2021 10:47
Operator : JU/CG
Sample : PB140626BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB140626BS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/10/2021
Supervised By :mohammad ahmed 11/11/2021

Quant Time: Nov 10 13:34:15 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 03 17:21:25 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.857	152	217231	20.000	ng		0.00
21) Naphthalene-d8	8.139	136	832916	20.000	ng	#	0.00
39) Acenaphthene-d10	9.892	164	491902	20.000	ng		0.00
64) Phenanthrene-d10	11.374	188	907892	20.000	ng		0.00
76) Chrysene-d12	14.016	240	624649	20.000	ng	#	0.00
86) Perylene-d12	15.480	264	463756	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	1494387	118.136	ng		0.02
7) Phenol-d6	6.492	99	1926725	108.049	ng		0.00
23) Nitrobenzene-d5	7.422	82	1387247	78.547	ng		0.00
42) 2,4,6-Tribromophenol	10.686	330	708741	125.725	ng		0.00
45) 2-Fluorobiphenyl	9.216	172	2643159	72.613	ng		0.00
79) Terphenyl-d14	12.963	244	3067832	79.197	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.710	88	158888	30.208	ng	#	100
3) Pyridine	3.457	79	380184	26.861	ng		94
4) n-Nitrosodimethylamine	3.404	42	358669	36.137	ng	#	79
6) Aniline	6.516	93	727585	37.003	ng	#	89
8) 2-Chlorophenol	6.640	128	583040	43.134	ng		83
9) Benzaldehyde	6.404	77	373977	34.715	ng		91
10) Phenol	6.504	94	755641	41.443	ng		74
11) bis(2-Chloroethyl)ether	6.592	93	557682	41.992	ng		91
12) 1,3-Dichlorobenzene	6.798	146	624463	40.564	ng		96
13) 1,4-Dichlorobenzene	6.875	146	641721	40.879	ng		98
14) 1,2-Dichlorobenzene	7.028	146	610423	40.362	ng		97
15) Benzyl Alcohol	6.998	79	616022	40.451	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.134	45	939307	38.465	ng		92
17) 2-Methylphenol	7.110	107	488032	42.425	ng	#	88
18) Hexachloroethane	7.369	117	251420	42.631	ng	#	85
19) n-Nitroso-di-n-propyla...	7.275	70	486766	41.407	ng	#	81
20) 3+4-Methylphenols	7.263	107	642868	41.336	ng	#	75
22) Acetophenone	7.269	105	917397	38.135	ng	#	88
24) Nitrobenzene	7.439	77	724531	41.420	ng	#	83
25) Isophorone	7.681	82	1233193	38.782	ng	#	88
26) 2-Nitrophenol	7.757	139	299363	48.338	ng	#	74
27) 2,4-Dimethylphenol	7.792	122	529892	45.707	ng	#	82
28) bis(2-Chloroethoxy)met...	7.886	93	713689	38.062	ng	#	97
29) 2,4-Dichlorophenol	7.998	162	533347	40.756	ng		98
30) 1,2,4-Trichlorobenzene	8.081	180	622542	39.015	ng		98
31) Naphthalene	8.163	128	1679085	38.920	ng		99
32) Benzoic acid	7.928	122	315611	44.670	ng	#	64
33) 4-Chloroaniline	8.204	127	466279	27.043	ng	#	87
34) Hexachlorobutadiene	8.281	225	427267	38.899	ng		98
35) Caprolactam	8.586	113	145782m	40.005	ng		
36) 4-Chloro-3-methylphenol	8.692	107	596465	39.526	ng		88
37) 2-Methylnaphthalene	8.851	142	1223300	41.056	ng		99
38) 1-Methylnaphthalene	8.951	142	1115412	38.647	ng		97
40) 1,2,4,5-Tetrachloroben...	9.022	216	665795	40.388	ng		98
41) Hexachlorocyclopentadiene	9.010	237	795995	92.933	ng		97
43) 2,4,6-Trichlorophenol	9.128	196	427498	42.824	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.169	196	448800	41.616	ng		97
46)	1,1'-Biphenyl	9.316	154	1457611	38.337	ng		97
47)	2-Chloronaphthalene	9.339	162	1195811	39.958	ng		100
48)	2-Nitroaniline	9.433	65	408939	42.148	ng	#	76
49)	Acenaphthylene	9.757	152	1803760	39.855	ng		98
50)	Dimethylphthalate	9.622	163	1431464	39.971	ng	#	99
51)	2,6-Dinitrotoluene	9.681	165	300713	48.988	ng		88
52)	Acenaphthene	9.928	154	1125730	39.436	ng		97
53)	3-Nitroaniline	9.845	138	223504	35.517	ng	#	71
54)	2,4-Dinitrophenol	9.957	184	296846	87.767	ng		87
55)	Dibenzofuran	10.098	168	1654493	38.502	ng		96
56)	4-Nitrophenol	10.010	139	432363	87.056	ng	#	48
57)	2,4-Dinitrotoluene	10.080	165	407158	46.174	ng	#	86
58)	Fluorene	10.445	166	1339494	38.828	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.216	232	386925	42.369	ng	#	88
60)	Diethylphthalate	10.316	149	1411247	39.295	ng		98
61)	4-Chlorophenyl-phenyle...	10.433	204	717883	38.910	ng		90
62)	4-Nitroaniline	10.463	138	281808	42.937	ng		85
63)	Azobenzene	10.592	77	1438557	36.890	ng		91
65)	4,6-Dinitro-2-methylph...	10.492	198	197567	45.681	ng		84
66)	n-Nitrosodiphenylamine	10.551	169	1156608	40.004	ng		98
67)	4-Bromophenyl-phenylether	10.922	248	448289	40.766	ng		94
68)	Hexachlorobenzene	10.992	284	489689	42.628	ng	#	86
69)	Atrazine	11.080	200	446644	43.675	ng		94
70)	Pentachlorophenol	11.186	266	556304	89.871	ng		93
71)	Phenanthrene	11.404	178	1912529	38.845	ng		96
72)	Anthracene	11.457	178	1972687	40.132	ng		98
73)	Carbazole	11.610	167	1689801	37.065	ng		99
74)	Di-n-butylphthalate	11.939	149	2120981	39.927	ng	#	98
75)	Fluoranthene	12.592	202	2155721	39.318	ng		95
77)	Benzidine	12.710	184	832139	39.851	ng	#	96
78)	Pyrene	12.821	202	2161166	43.142	ng		97
80)	Butylbenzylphthalate	13.433	149	847570	46.451	ng	#	85
81)	Benzo(a)anthracene	14.004	228	1697090	39.548	ng		99
82)	3,3'-Dichlorobenzidine	13.968	252	464946	37.129	ng	#	97
83)	Chrysene	14.045	228	1624705	40.690	ng		97
84)	Bis(2-ethylhexyl)phtha...	13.998	149	1132359	44.776	ng	#	99
85)	Di-n-octyl phthalate	14.610	149	1627994	45.310	ng	#	100
87)	Indeno(1,2,3-cd)pyrene	16.945	276	1253853	45.678	ng	#	84
88)	Benzo(b)fluoranthene	15.051	252	1347517	44.671	ng	#	94
89)	Benzo(k)fluoranthene	15.086	252	1222014	41.762	ng	#	98
90)	Benzo(a)pyrene	15.415	252	1195662	50.311	ng	#	93
91)	Dibenzo(a,h)anthracene	16.962	278	1068179	47.379	ng	#	90
92)	Benzo(g,h,i)perylene	17.386	276	1025416	47.424	ng	#	82

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

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