Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111920\
Data File : BF122378.D
Acq On : 19 Nov 2020 13:43
Operator : JU/CG
Sample : PB133101BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB133101BS

Manual Integrations APPROVED
mohammad
11/24/2020 8:54:03 AM

Quant Time: Nov 19 14:14:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 10 12:25:42 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	316949	20.00	ng		0.00
21) Naphthalene-d8	8.151	136	1240664	20.00	ng		0.00
39) Acenaphthene-d10	9.910	164	685212	20.00	ng		0.00
64) Phenanthrene-d10	11.392	188	1251516	20.00	ng		0.00
76) Chrysene-d12	14.033	240	1043140	20.00	ng		0.00
86) Perylene-d12	15.504	264	881193	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	1883738	91.26	ng		0.02
7) Phenol-d6	6.493	99	2438585	90.31	ng		0.00
23) Nitrobenzene-d5	7.434	82	1536630	75.82	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	769146	104.59	ng		0.00
45) 2-Fluorobiphenyl	9.234	172	2757489	62.88	ng		0.00
79) Terphenyl-d14	12.980	244	3050107	61.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.758	88	300189	31.71	ng		89
3) Pyridine	3.487	79	838668	32.21	ng		89
4) n-Nitrosodimethylamine	3.446	42	406963	33.16	ng		85
6) Aniline	6.528	93	916472	25.87	ng		97
8) 2-Chlorophenol	6.651	128	880625	41.14	ng		91
9) Benzaldehyde	6.410	77	153252	7.54	ng		99
10) Phenol	6.504	94	1044396m	39.28	ng		
11) bis(2-Chloroethyl)ether	6.604	93	796368	37.68	ng		91
12) 1,3-Dichlorobenzene	6.810	146	903624	37.18	ng		96
13) 1,4-Dichlorobenzene	6.887	146	919675	37.67	ng		97
14) 1,2-Dichlorobenzene	7.040	146	889829	39.06	ng		99
15) Benzyl Alcohol	7.010	79	728292	37.93	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	1105801	35.90	ng		96
17) 2-Methylphenol	7.116	107	719925	40.30	ng		99
18) Hexachloroethane	7.381	117	322432	37.93	ng		97
19) n-Nitroso-di-n-propyla...	7.287	70	597750	37.04	ng		92
20) 3+4-Methylphenols	7.269	107	867271	39.44	ng	#	80
22) Acetophenone	7.281	105	1102796	34.13	ng	#	84
24) Nitrobenzene	7.451	77	910224	39.26	ng		94
25) Isophorone	7.692	82	1605388	35.53	ng		96
26) 2-Nitrophenol	7.769	139	446496	44.87	ng		94
27) 2,4-Dimethylphenol	7.804	122	783304	36.76	ng		99
28) bis(2-Chloroethoxy)met...	7.898	93	1001684	36.25	ng		99
29) 2,4-Dichlorophenol	8.004	162	759005	40.23	ng		97
30) 1,2,4-Trichlorobenzene	8.092	180	786766	37.78	ng		97
31) Naphthalene	8.175	128	2409077	36.52	ng		98
32) Benzoic acid	7.928	122	511416	44.12	ng		99
33) 4-Chloroaniline	8.216	127	563148	19.60	ng		98
34) Hexachlorobutadiene	8.292	225	455165	38.03	ng		99
35) Caprolactam	8.598	113	240872m	40.28	ng		
36) 4-Chloro-3-methylphenol	8.704	107	794007	40.35	ng		95
37) 2-Methylnaphthalene	8.869	142	1646795	37.79	ng		98
38) 1-Methylnaphthalene	8.969	142	1555080	38.12	ng		100
40) 1,2,4,5-Tetrachloroben...	9.034	216	735963	34.86	ng		99
41) Hexachlorocyclopentadiene	9.022	237	886561	71.81	ng		98
43) 2,4,6-Trichlorophenol	9.139	196	562289	41.01	ng		100

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44)	2,4,5-Trichlorophenol	9.187	196	591206	41.13	ng		98
46)	1,1'-Biphenyl	9.334	154	1920408	35.21	ng		98
47)	2-Chloronaphthalene	9.357	162	1573041	36.34	ng		98
48)	2-Nitroaniline	9.451	65	500929	39.83	ng	#	83
49)	Acenaphthylene	9.775	152	2439777	36.67	ng		99
50)	Dimethylphthalate	9.634	163	1862499	38.24	ng		99
51)	2,6-Dinitrotoluene	9.692	165	436249	40.86	ng	#	86
52)	Acenaphthene	9.945	154	1674883	40.67	ng		100
53)	3-Nitroaniline	9.857	138	318742	27.46	ng		92
54)	2,4-Dinitrophenol	9.969	184	399483	84.61	ng		95
55)	Dibenzofuran	10.116	168	2218325	36.76	ng		99
56)	4-Nitrophenol	10.022	139	756515	71.81	ng		96
57)	2,4-Dinitrotoluene	10.098	165	593504	43.90	ng	#	84
58)	Fluorene	10.457	166	1675755	36.27	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.233	232	523846	43.82	ng		98
60)	Diethylphthalate	10.334	149	1775812	37.17	ng		98
61)	4-Chlorophenyl-phenyle...	10.451	204	817012	37.46	ng		98
62)	4-Nitroaniline	10.481	138	467859	39.39	ng		96
63)	Azobenzene	10.610	77	1752358	34.96	ng		96
65)	4,6-Dinitro-2-methylph...	10.504	198	284516	51.39	ng		95
66)	n-Nitrosodiphenylamine	10.569	169	1576246	36.97	ng		94
67)	4-Bromophenyl-phenylether	10.939	248	573250	38.98	ng		98
68)	Hexachlorobenzene	11.004	284	630922	39.71	ng		98
69)	Atrazine	11.098	200	480737	45.27	ng		97
70)	Pentachlorophenol	11.198	266	759251	82.94	ng		98
71)	Phenanthrene	11.422	178	2551711	35.94	ng		97
72)	Anthracene	11.475	178	2624889	35.87	ng		99
73)	Carbazole	11.622	167	2404773	36.12	ng		99
74)	Di-n-butylphthalate	11.957	149	2640126	37.20	ng		99
75)	Fluoranthene	12.610	202	2731689	36.85	ng		97
77)	Benzidine	12.722	184	851931	29.45	ng		99
78)	Pyrene	12.839	202	2752516	37.56	ng		98
80)	Butylbenzylphthalate	13.457	149	1149431	39.72	ng		92
81)	Benzo(a)anthracene	14.027	228	2381909	36.72	ng		99
82)	3,3'-Dichlorobenzidine	13.986	252	673887	27.87	ng		99
83)	Chrysene	14.063	228	2433300	37.24	ng		98
84)	Bis(2-ethylhexyl)phtha...	14.016	149	1421901	40.24	ng		97
85)	Di-n-octyl phthalate	14.627	149	2507512	41.87	ng		97
87)	Indeno(1,2,3-cd)pyrene	16.974	276	2135230	40.38	ng		99
88)	Benzo(b)fluoranthene	15.074	252	2500071	43.81	ng		99
89)	Benzo(k)fluoranthene	15.110	252	2140645	38.47	ng		99
90)	Benzo(a)pyrene	15.445	252	2047444	41.15	ng		99
91)	Dibenzo(a,h)anthracene	16.992	278	1759584	39.73	ng		99
92)	Benzo(g,h,i)perylene	17.415	276	1742043	40.45	ng		99

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

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