Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120720\
Data File : BF122574.D
Acq On : 7 Dec 2020 16:12
Operator : JU/CG
Sample : PB133427BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB133427BSD

Manual Integrations APPROVED
mohammad
12/8/2020 2:06:09 PM

Quant Time: Dec 07 17:30:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 07 12:08:49 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.840	152	187208	20.00	ng		0.00
21) Naphthalene-d8	8.128	136	712114	20.00	ng		0.00
39) Acenaphthene-d10	9.881	164	383811	20.00	ng		0.00
64) Phenanthrene-d10	11.369	188	717052	20.00	ng		0.00
76) Chrysene-d12	14.010	240	598740	20.00	ng		0.00
86) Perylene-d12	15.468	264	552849	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	1278273	108.10	ng		0.01
7) Phenol-d6	6.481	99	1635616	104.29	ng		0.00
23) Nitrobenzene-d5	7.404	82	949640	66.81	ng		0.00
42) 2,4,6-Tribromophenol	10.675	330	528508	105.20	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	1828371	64.43	ng		0.00
79) Terphenyl-d14	12.951	244	2164219	63.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.693	88	230445	41.46	ng		100
3) Pyridine	3.428	79	628624	42.79	ng		100
4) n-Nitrosodimethylamine	3.381	42	264618	44.92	ng		96
6) Aniline	6.504	93	558662	30.26	ng		99
8) 2-Chlorophenol	6.628	128	572156	43.90	ng		99
9) Benzaldehyde	6.387	77	138968	14.64	ng		98
10) Phenol	6.492	94	687981	42.34	ng		96
11) bis(2-Chloroethyl)ether	6.581	93	550002	44.30	ng		100
12) 1,3-Dichlorobenzene	6.781	146	636030	41.24	ng		98
13) 1,4-Dichlorobenzene	6.857	146	647322	41.63	ng		98
14) 1,2-Dichlorobenzene	7.010	146	603051	40.17	ng		98
15) Benzyl Alcohol	6.987	79	488529	45.24	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.116	45	736731	41.62	ng		100
17) 2-Methylphenol	7.098	107	469827	45.35	ng		98
18) Hexachloroethane	7.351	117	232374	41.93	ng		96
19) n-Nitroso-di-n-propyla...	7.257	70	387216	43.10	ng		97
20) 3+4-Methylphenols	7.251	107	549321	41.97	ng		95
22) Acetophenone	7.251	105	747340	42.21	ng	#	94
24) Nitrobenzene	7.422	77	610107	43.15	ng		97
25) Isophorone	7.663	82	1098026	44.85	ng		100
26) 2-Nitrophenol	7.739	139	319430	46.32	ng		97
27) 2,4-Dimethylphenol	7.781	122	513478	50.80	ng		99
28) bis(2-Chloroethoxy)met...	7.875	93	693647	41.38	ng		99
29) 2,4-Dichlorophenol	7.987	162	512962	43.46	ng		99
30) 1,2,4-Trichlorobenzene	8.069	180	547527	40.94	ng		99
31) Naphthalene	8.145	128	1672667	42.57	ng		100
32) Benzoic acid	7.916	122	375438	46.62	ng		97
33) 4-Chloroaniline	8.192	127	377540	22.98	ng		99
34) Hexachlorobutadiene	8.263	225	321657	39.08	ng		99
35) Caprolactam	8.569	113	156722m	44.08	ng		
36) 4-Chloro-3-methylphenol	8.681	107	519939	44.72	ng		99
37) 2-Methylnaphthalene	8.839	142	1121509	43.14	ng		100
38) 1-Methylnaphthalene	8.939	142	1037350	42.19	ng		100
40) 1,2,4,5-Tetrachloroben...	9.010	216	526334	41.40	ng		99
41) Hexachlorocyclopentadiene	8.992	237	601044	106.93	ng		98
43) 2,4,6-Trichlorophenol	9.116	196	369650	42.10	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	390773	43.06	ng	97
46) 1,1'-Biphenyl	9.304	154	1336046	41.94	ng	100
47) 2-Chloronaphthalene	9.328	162	1082341	41.01	ng	99
48) 2-Nitroaniline	9.422	65	319191	41.48	ng	88
49) Acenaphthylene	9.745	152	1640734	42.09	ng	100
50) Dimethylphthalate	9.610	163	1264078	41.24	ng	100
51) 2,6-Dinitrotoluene	9.669	165	289188	44.67	ng	98
52) Acenaphthene	9.916	154	1157241m	45.89	ng	
53) 3-Nitroaniline	9.833	138	193469	25.86	ng	95
54) 2,4-Dinitrophenol	9.945	184	304627	96.24	ng	94
55) Dibenzofuran	10.092	168	1479936	41.72	ng	98
56) 4-Nitrophenol	10.004	139	464269	87.04	ng	89
57) 2,4-Dinitrotoluene	10.069	165	394418	45.74	ng	98
58) Fluorene	10.433	166	1146947	40.65	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.204	232	344150	43.16	ng	99
60) Diethylphthalate	10.304	149	1242565	41.68	ng	99
61) 4-Chlorophenyl-phenyle...	10.422	204	554892	39.94	ng	99
62) 4-Nitroaniline	10.451	138	286983	37.79	ng	99
63) Azobenzene	10.580	77	1169863	42.69	ng	99
65) 4,6-Dinitro-2-methylph...	10.480	198	209784	47.98	ng	97
66) n-Nitrosodiphenylamine	10.545	169	1049726	41.43	ng	99
67) 4-Bromophenyl-phenylether	10.910	248	389833	40.12	ng	98
68) Hexachlorobenzene	10.980	284	425827	39.64	ng	97
69) Atrazine	11.069	200	304351	36.99	ng	100
70) Pentachlorophenol	11.175	266	492910	86.61	ng	99
71) Phenanthrene	11.392	178	1748630	41.03	ng	99
72) Anthracene	11.445	178	1784032	42.22	ng	100
73) Carbazole	11.598	167	1626780	42.45	ng	100
74) Di-n-butylphthalate	11.927	149	1901450	39.49	ng	99
75) Fluoranthene	12.580	202	1866886	41.78	ng	100
77) Benzidine	12.698	184	699712	54.03	ng	99
78) Pyrene	12.810	202	1882013	40.66	ng	99
80) Butylbenzylphthalate	13.427	149	816070	39.14	ng	99
81) Benzo(a)anthracene	13.998	228	1638963	40.96	ng	99
82) 3,3'-Dichlorobenzidine	13.963	252	448081	31.27	ng	99
83) Chrysene	14.039	228	1656200	41.59	ng	99
84) Bis(2-ethylhexyl)phtha...	13.986	149	1089228	38.15	ng	100
85) Di-n-octyl phthalate	14.598	149	1886978	39.84	ng	100
87) Indeno(1,2,3-cd)pyrene	16.927	276	1499488	41.32	ng	99
88) Benzo(b)fluoranthene	15.045	252	1739813	44.85	ng	99
89) Benzo(k)fluoranthene	15.080	252	1475697	41.61	ng	98
90) Benzo(a)pyrene	15.410	252	1421919	41.90	ng	100
91) Dibenzo(a,h)anthracene	16.945	278	1246965	41.98	ng	99
92) Benzo(g,h,i)perylene	17.368	276	1225192	42.62	ng	99

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

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