Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111220\
Data File : BF122314.D
Acq On : 12 Nov 2020 14:10
Operator : JU/CG
Sample : PB132953BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB132953BS

Manual Integrations APPROVED
mohammad
11/20/2020 11:27:53 AM

Quant Time: Nov 12 14:41:10 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	358704	20.00	ng		0.00
21) Naphthalene-d8	8.151	136	1397162	20.00	ng		0.00
39) Acenaphthene-d10	9.910	164	726074	20.00	ng		0.00
64) Phenanthrene-d10	11.392	188	1303872	20.00	ng		0.00
76) Chrysene-d12	14.033	240	1119801	20.00	ng		0.00
86) Perylene-d12	15.504	264	965070	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.492	112	2167878	92.80	ng		0.02
7) Phenol-d6	6.492	99	2767255	90.55	ng		0.00
23) Nitrobenzene-d5	7.433	82	1729089	75.76	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	750992	96.37	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	2947609	63.43	ng		0.00
79) Terphenyl-d14	12.980	244	3162730	59.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.775	88	350502	32.72	ng		92
3) Pyridine	3.498	79	1002760	34.03	ng		92
4) n-Nitrosodimethylamine	3.457	42	534222	38.46	ng		96
6) Aniline	6.528	93	1037266	25.87	ng		98
8) 2-Chlorophenol	6.651	128	988599	40.81	ng		92
9) Benzaldehyde	6.410	77	175092	7.63	ng		99
10) Phenol	6.504	94	1172753m	38.97	ng		
11) bis(2-Chloroethyl)ether	6.604	93	923066	38.59	ng		93
12) 1,3-Dichlorobenzene	6.810	146	1027855	37.37	ng		97
13) 1,4-Dichlorobenzene	6.886	146	1052863	38.11	ng		97
14) 1,2-Dichlorobenzene	7.039	146	1013268	39.30	ng		99
15) Benzyl Alcohol	7.010	79	824147	37.93	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	1318846	37.83	ng		97
17) 2-Methylphenol	7.116	107	804496	39.79	ng		99
18) Hexachloroethane	7.386	117	379932	39.49	ng		93
19) n-Nitroso-di-n-propyla...	7.286	70	686922	37.61	ng		96
20) 3+4-Methylphenols	7.269	107	983292	39.52	ng	#	77
22) Acetophenone	7.281	105	1277142	35.09	ng	#	85
24) Nitrobenzene	7.451	77	1038176	39.76	ng		96
25) Isophorone	7.692	82	1834625	36.06	ng		97
26) 2-Nitrophenol	7.769	139	450735	40.93	ng		96
27) 2,4-Dimethylphenol	7.804	122	887403	36.98	ng		98
28) bis(2-Chloroethoxy)met...	7.904	93	1130537	36.33	ng		98
29) 2,4-Dichlorophenol	8.004	162	831516	39.14	ng		97
30) 1,2,4-Trichlorobenzene	8.092	180	876196	37.36	ng		96
31) Naphthalene	8.175	128	2710429	36.49	ng		98
32) Benzoic acid	7.928	122	538217	41.76	ng		98
33) 4-Chloroaniline	8.216	127	576641	17.83	ng		98
34) Hexachlorobutadiene	8.298	225	499367	37.05	ng		99
35) Caprolactam	8.586	113	257019m	38.16	ng		
36) 4-Chloro-3-methylphenol	8.698	107	856024	38.63	ng		97
37) 2-Methylnaphthalene	8.869	142	1821373	37.11	ng		100
38) 1-Methylnaphthalene	8.969	142	1723598	37.52	ng		100
40) 1,2,4,5-Tetrachloroben...	9.033	216	800212	35.77	ng		99
41) Hexachlorocyclopentadiene	9.027	237	990159	75.69	ng		99
43) 2,4,6-Trichlorophenol	9.139	196	600003	41.29	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.180	196	595740	39.11	ng		100
46) 1,1'-Biphenyl	9.333	154	2070896	35.83	ng		98
47) 2-Chloronaphthalene	9.357	162	1709757	37.27	ng		98
48) 2-Nitroaniline	9.445	65	545423	40.78	ng		99
49) Acenaphthylene	9.774	152	2607808	36.99	ng		98
50) Dimethylphthalate	9.633	163	1926172	37.32	ng		99
51) 2,6-Dinitrotoluene	9.692	165	445859	39.55	ng		90
52) Acenaphthene	9.945	154	1781715	40.83	ng		99
53) 3-Nitroaniline	9.857	138	309056	25.43	ng		93
54) 2,4-Dinitrophenol	9.963	184	358651	76.74	ng		89
55) Dibenzofuran	10.116	168	2372464	37.11	ng		99
56) 4-Nitrophenol	10.016	139	796911	71.42	ng		94
57) 2,4-Dinitrotoluene	10.092	165	605221	42.43	ng		98
58) Fluorene	10.457	166	1781169	36.38	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.227	232	536182	42.33	ng		99
60) Diethylphthalate	10.333	149	1892272	37.38	ng		99
61) 4-Chlorophenyl-phenyle...	10.451	204	854291	36.96	ng		98
62) 4-Nitroaniline	10.474	138	484586	38.58	ng		95
63) Azobenzene	10.610	77	1937712	36.48	ng		98
65) 4,6-Dinitro-2-methylph...	10.504	198	259797	47.09	ng		88
66) n-Nitrosodiphenylamine	10.569	169	1658143	37.32	ng		94
67) 4-Bromophenyl-phenylether	10.939	248	591659	38.62	ng		97
68) Hexachlorobenzene	11.004	284	634228	38.31	ng		96
69) Atrazine	11.092	200	495192	44.76	ng		99
70) Pentachlorophenol	11.198	266	742750	77.88	ng		99
71) Phenanthrene	11.421	178	2690599	36.37	ng		97
72) Anthracene	11.474	178	2763948	36.25	ng		98
73) Carbazole	11.621	167	2547010	36.72	ng		98
74) Di-n-butylphthalate	11.957	149	2722941	36.82	ng		98
75) Fluoranthene	12.610	202	2869517	37.15	ng		97
77) Benzidine	12.721	184	1049577	33.79	ng		98
78) Pyrene	12.839	202	2907861	36.96	ng		98
80) Butylbenzylphthalate	13.457	149	1194178	38.55	ng		96
81) Benzo(a)anthracene	14.027	228	2593771	37.24	ng		99
82) 3,3'-Dichlorobenzidine	13.986	252	599812	23.11	ng		99
83) Chrysene	14.062	228	2536816	36.17	ng		96
84) Bis(2-ethylhexyl)phtha...	14.021	149	1437038	37.88	ng	#	96
85) Di-n-octyl phthalate	14.633	149	2646902	41.17	ng		99
87) Indeno(1,2,3-cd)pyrene	16.968	276	2351790	40.61	ng		99
88) Benzo(b)fluoranthene	15.074	252	2666058	42.66	ng		99
89) Benzo(k)fluoranthene	15.109	252	2330145	38.23	ng		99
90) Benzo(a)pyrene	15.445	252	2246802	41.23	ng		98
91) Dibenzo(a,h)anthracene	16.992	278	1956902	40.35	ng		99
92) Benzo(g,h,i)perylene	17.415	276	1897665	40.23	ng		99

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

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