Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111720\
Data File : BF122341.D
Acq On : 17 Nov 2020 12:32
Operator : JU/CG
Sample : PB132985BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB132985BS

Manual Integrations APPROVED
mohammad
11/19/2020 10:28:37 AM

Quant Time: Nov 17 13:05:38 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	376190	20.00	ng		0.00
21) Naphthalene-d8	8.157	136	1414568	20.00	ng		0.00
39) Acenaphthene-d10	9.910	164	753733	20.00	ng		0.00
64) Phenanthrene-d10	11.392	188	1344704	20.00	ng		0.00
76) Chrysene-d12	14.039	240	1080086	20.00	ng		0.00
86) Perylene-d12	15.504	264	822021	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	2403123	98.09	ng		0.02
7) Phenol-d6	6.498	99	3082980	96.19	ng		0.00
23) Nitrobenzene-d5	7.434	82	1976710	85.55	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	924627	114.30	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	3371444	69.89	ng		0.00
79) Terphenyl-d14	12.986	244	3946195	77.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.734	88	600947	53.49	ng		91
3) Pyridine	3.469	79	998686	32.32	ng		91
4) n-Nitrosodimethylamine	3.428	42	505758	34.72	ng		97
6) Aniline	6.528	93	1250445	29.73	ng		98
8) 2-Chlorophenol	6.651	128	1010000	39.75	ng		92
9) Benzaldehyde	6.416	77	230034	10.11	ng		95
10) Phenol	6.510	94	1236926	39.19	ng		79
11) bis(2-Chloroethyl)ether	6.604	93	940371	37.49	ng		95
12) 1,3-Dichlorobenzene	6.810	146	1063005	36.85	ng		98
13) 1,4-Dichlorobenzene	6.887	146	1074369	37.08	ng		97
14) 1,2-Dichlorobenzene	7.039	146	980457	36.26	ng		98
15) Benzyl Alcohol	7.010	79	840896	36.90	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	1366473	37.37	ng		97
17) 2-Methylphenol	7.122	107	814288	38.40	ng		97
18) Hexachloroethane	7.387	117	387755	38.43	ng		93
19) n-Nitroso-di-n-propyla...	7.287	70	709188	37.03	ng		96
20) 3+4-Methylphenols	7.275	107	977160	37.44	ng	#	83
22) Acetophenone	7.281	105	1282460	34.81	ng	#	88
24) Nitrobenzene	7.451	77	1046813	39.60	ng		97
25) Isophorone	7.692	82	1879684	36.49	ng		97
26) 2-Nitrophenol	7.769	139	489826	43.43	ng		96
27) 2,4-Dimethylphenol	7.804	122	859923	35.39	ng		98
28) bis(2-Chloroethoxy)met...	7.904	93	1183654	37.57	ng		98
29) 2,4-Dichlorophenol	8.010	162	852320	39.62	ng		94
30) 1,2,4-Trichlorobenzene	8.092	180	906776	38.19	ng		96
31) Naphthalene	8.175	128	2701657	35.92	ng		97
32) Benzoic acid	7.934	122	567006	43.13	ng		96
33) 4-Chloroaniline	8.222	127	900519	27.49	ng		95
34) Hexachlorobutadiene	8.298	225	527671	38.67	ng		99
35) Caprolactam	8.598	113	260148m	38.15	ng		
36) 4-Chloro-3-methylphenol	8.704	107	866897	38.64	ng		92
37) 2-Methylnaphthalene	8.869	142	1817789	36.59	ng		98
38) 1-Methylnaphthalene	8.969	142	1735688	37.32	ng		99
40) 1,2,4,5-Tetrachloroben...	9.033	216	833767	35.90	ng		99
41) Hexachlorocyclopentadiene	9.028	237	1107608	81.56	ng		97
43) 2,4,6-Trichlorophenol	9.145	196	608941	40.37	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	651975	41.23	ng		97
46) 1,1'-Biphenyl	9.333	154	2129215	35.49	ng		98
47) 2-Chloronaphthalene	9.357	162	1766148	37.09	ng		98
48) 2-Nitroaniline	9.451	65	553645	39.99	ng		90
49) Acenaphthylene	9.775	152	2645829	36.15	ng		98
50) Dimethylphthalate	9.633	163	2038189	38.04	ng		99
51) 2,6-Dinitrotoluene	9.692	165	464614	39.68	ng		92
52) Acenaphthene	9.945	154	1847075	40.77	ng		99
53) 3-Nitroaniline	9.857	138	405214	31.19	ng		99
54) 2,4-Dinitrophenol	9.969	184	422177	82.64	ng		97
55) Dibenzofuran	10.116	168	2440896	36.78	ng		99
56) 4-Nitrophenol	10.022	139	812987	70.28	ng		97
57) 2,4-Dinitrotoluene	10.098	165	630694	42.57	ng	#	86
58) Fluorene	10.463	166	1816354	35.74	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	572955	43.57	ng		98
60) Diethylphthalate	10.333	149	1976345	37.60	ng		98
61) 4-Chlorophenyl-phenyle...	10.451	204	899923	37.51	ng		97
62) 4-Nitroaniline	10.480	138	504800	38.70	ng		98
63) Azobenzene	10.610	77	1985227	36.00	ng		97
65) 4,6-Dinitro-2-methylph...	10.504	198	294482	50.13	ng		97
66) n-Nitrosodiphenylamine	10.569	169	1708619	37.29	ng		93
67) 4-Bromophenyl-phenylether	10.939	248	625473	39.58	ng		98
68) Hexachlorobenzene	11.010	284	676545	39.63	ng	#	93
69) Atrazine	11.098	200	514935	45.13	ng		98
70) Pentachlorophenol	11.198	266	805787	81.92	ng		98
71) Phenanthrene	11.422	178	2747692	36.01	ng		97
72) Anthracene	11.474	178	2774821	35.29	ng		98
73) Carbazole	11.622	167	2564533	35.85	ng		99
74) Di-n-butylphthalate	11.957	149	2881861	37.79	ng		98
75) Fluoranthene	12.610	202	2853151	35.82	ng		97
77) Benzidine	12.727	184	1136013	37.92	ng		99
78) Pyrene	12.839	202	2868801	37.81	ng		97
80) Butylbenzylphthalate	13.457	149	1227504	40.86	ng		97
81) Benzo(a)anthracene	14.027	228	2457952	36.59	ng		99
82) 3,3'-Dichlorobenzidine	13.986	252	804204	32.13	ng		99
83) Chrysene	14.063	228	2491074	36.82	ng		97
84) Bis(2-ethylhexyl)phtha...	14.021	149	1503103	41.08	ng	#	96
85) Di-n-octyl phthalate	14.633	149	2594406	41.84	ng		98
87) Indeno(1,2,3-cd)pyrene	16.968	276	1998107	40.51	ng		99
88) Benzo(b)fluoranthene	15.074	252	2395039	44.99	ng		99
89) Benzo(k)fluoranthene	15.110	252	2116926	40.78	ng		98
90) Benzo(a)pyrene	15.445	252	1955746	42.14	ng		99
91) Dibenzo(a,h)anthracene	16.992	278	1651552	39.98	ng		99
92) Benzo(g,h,i)perylene	17.415	276	1603198	39.90	ng		98

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

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