Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021020\
Data File : BF118870.D
Acq On : 10 Feb 2020 15:23
Operator : CG/JU
Sample : PB126704BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB126704BS

Manual Integrations APPROVED
mohammad
2/13/2020 10:28:38 AM

Quant Time: Feb 11 00:38:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 16:26:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	300003	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	1220312	20.00	ng		0.00
39) Acenaphthene-d10	9.86	164	702909	20.00	ng		0.00
64) Phenanthrene-d10	11.34	188	1311630	20.00	ng		0.00
76) Chrysene-d12	13.98	240	919996	20.00	ng		0.00
87) Perylene-d12	15.42	264	725640	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	1690014	106.63	ng		0.02
7) Phenol-d6	6.46	99	2139760	108.76	ng		0.01
23) Nitrobenzene-d5	7.38	82	1299281	63.46	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	884444	105.16	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	2692814	68.49	ng		0.00
79) Terphenyl-d14	12.92	244	3136937	70.04	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	260296	36.039	ng		99
3) Pyridine	3.42	79	729161	36.356	ng		99
4) n-Nitrosodimethylamine	3.35	42	345357	47.296	ng		95
6) Aniline	6.48	93	652982	25.770	ng	#	49
8) 2-Chlorophenol	6.61	128	735236	41.650	ng		98
9) Benzaldehyde	6.36	77	199539	13.922	ng		99
10) Phenol	6.47	94	837946	38.305	ng		84
11) bis(2-Chloroethyl)ether	6.56	93	677011	40.452	ng		97
12) 1,3-Dichlorobenzene	6.76	146	769556	36.624	ng		99
13) 1,4-Dichlorobenzene	6.83	146	784752	37.442	ng		99
14) 1,2-Dichlorobenzene	6.99	146	728240	36.373	ng		97
15) Benzyl Alcohol	6.96	79	628076	41.302	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	774711	37.799	ng		89
17) 2-Methylphenol	7.08	107	621303	42.334	ng		96
18) Hexachloroethane	7.33	117	278602	37.036	ng		100
19) n-Nitroso-di-n-propylamine	7.23	70	491796	40.855	ng		98
20) 3+4-Methylphenols	7.23	107	729042	39.631	ng	#	85
22) Acetophenone	7.23	105	965131	36.402	ng		99
24) Nitrobenzene	7.40	77	759585	37.139	ng		99
25) Isophorone	7.64	82	1421837	38.642	ng		100
26) 2-Nitrophenol	7.72	139	437791	40.170	ng		98
27) 2,4-Dimethylphenol	7.76	122	660532	44.617	ng		99
28) bis(2-Chloroethoxy)methane	7.85	93	899486	37.699	ng		98
29) 2,4-Dichlorophenol	7.96	162	688284	38.821	ng		99
30) 1,2,4-Trichlorobenzene	8.04	180	748837	36.135	ng		100
31) Naphthalene	8.12	128	2137925	38.306	ng		99
32) Benzoic acid	7.90	122	436485	35.610	ng		96
33) 4-Chloroaniline	8.17	127	535356	21.440	ng		99
34) Hexachlorobutadiene	8.24	225	451195	35.538	ng		99
35) Caprolactam	8.55	113	215621m	37.515	ng		
36) 4-Chloro-3-methylphenol	8.66	107	717983	40.240	ng		99
37) 2-Methylnaphthalene	8.81	142	1537079	39.709	ng		98
38) 1-Methylnaphthalene	8.91	142	1436247	39.443	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	763335	35.982	ng		99

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QLast Update : Mon Feb 03 16:26:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	508994	61.188	ng		99
43) 2,4,6-Trichlorophenol	9.10	196	529543	37.328	ng		98
44) 2,4,5-Trichlorophenol	9.15	196	549792	37.930	ng		100
46) 1,1'-Biphenyl	9.27	154	1830838	37.653	ng		99
47) 2-Chloronaphthalene	9.30	162	1478209	36.569	ng		99
48) 2-Nitroaniline	9.40	65	422747	36.261	ng		95
49) Acenaphthylene	9.72	152	2282825	39.113	ng		100
50) Dimethylphthalate	9.58	163	1880057	39.281	ng		99
51) 2,6-Dinitrotoluene	9.64	165	427802	39.064	ng		96
52) Acenaphthene	9.89	154	1372842	35.696	ng		100
53) 3-Nitroaniline	9.81	138	284860	23.455	ng		96
54) 2,4-Dinitrophenol	9.92	184	403852	76.710	ng		95
55) Dibenzofuran	10.06	168	2042032	36.740	ng		99
56) 4-Nitrophenol	9.99	139	590712	67.203	ng		97
57) 2,4-Dinitrotoluene	10.05	165	558782	38.556	ng	#	87
58) Fluorene	10.40	166	1556087	37.214	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.19	232	494824	39.089	ng		99
60) Diethylphthalate	10.28	149	1798164	38.637	ng		99
61) 4-Chlorophenyl-phenylether	10.39	204	830039	36.603	ng		96
62) 4-Nitroaniline	10.43	138	398738	32.784	ng		99
63) Azobenzene	10.56	77	1510581	38.019	ng		96
65) 4,6-Dinitro-2-methylphenol	10.46	198	304031	41.251	ng		98
66) n-Nitrosodiphenylamine	10.52	169	1464774	38.554	ng		99
67) 4-Bromophenyl-phenylether	10.88	248	587939	37.892	ng		97
68) Hexachlorobenzene	10.96	284	659562	37.061	ng		98
69) Atrazine	11.05	200	520225	41.100	ng		100
70) Pentachlorophenol	11.15	266	622268	66.220	ng		99
71) Phenanthrene	11.36	178	2325708	36.038	ng		100
72) Anthracene	11.42	178	2367565	36.878	ng		100
73) Carbazole	11.57	167	2072239	36.779	ng		100
74) Di-n-butylphthalate	11.90	149	2676207	37.287	ng		99
75) Fluoranthene	12.55	202	2465414	34.990	ng		99
77) Benzidine	12.67	184	551613	19.824	ng		98
78) Pyrene	12.78	202	2438009	38.629	ng		100
80) Butylbenzylphthalate	13.39	149	1140016	39.574	ng		99
81) Benzo(a)anthracene	13.97	228	2075409	37.910	ng		100
82) 3,3'-Dichlorobenzidine	13.93	252	743788	33.219	ng		99
83) Chrysene	14.00	228	2029101	36.929	ng		100
84) Bis(2-ethylhexyl)phthalate	13.96	149	1526092	41.756	ng		99
85) Di-n-octyl phthalate	14.56	149	2524343	40.317	ng		100
86) Indeno(1,2,3-cd)pyrene	16.86	276	1840851	33.346	ng		99
88) Benzo(b)fluoranthene	15.00	252	2148009	47.705	ng		100
89) Benzo(k)fluoranthene	15.04	252	1786068	45.551	ng		100
90) Benzo(a)pyrene	15.36	252	1711361	44.411	ng		99
91) Dibenzo(a,h)anthracene	16.88	278	1575151	46.045	ng		99
92) Benzo(g,h,i)perylene	17.30	276	1491514	45.337	ng		99

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

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