Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043020\
Data File : BF120242.D
Acq On : 30 Apr 2020 16:34
Operator : MA/SJ
Sample : PB128574BSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB128574BSD

Manual Integrations APPROVED
mohammad
5/4/2020 8:19:00 AM

Quant Time: Apr 30 17:06:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 30 12:39:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	95962	20.00	ng		0.00
21) Naphthalene-d8	7.93	136	333565	20.00	ng		0.00
39) Acenaphthene-d10	9.69	164	187243	20.00	ng		0.00
64) Phenanthrene-d10	11.18	188	364587	20.00	ng		0.00
76) Chrysene-d12	13.82	240	274405	20.00	ng		0.00
87) Perylene-d12	15.23	264	314178	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	715843	128.92	ng		0.00
7) Phenol-d6	6.30	99	913208	127.63	ng		0.00
23) Nitrobenzene-d5	7.22	82	562840	87.29	ng		0.00
42) 2,4,6-Tribromophenol	10.49	330	247067	107.77	ng		0.00
45) 2-Fluorobiphenyl	9.02	172	1117519	84.74	ng		0.00
79) Terphenyl-d14	12.77	244	1333678	81.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.24	88	92761	37.506	ng		97
3) Pyridine	2.92	79	259842	38.293	ng		96
4) n-Nitrosodimethylamine	2.87	42	148494	42.831	ng		99
6) Aniline	6.31	93	348552	37.115	ng	#	69
8) 2-Chlorophenol	6.44	128	290778	46.868	ng		98
9) Benzaldehyde	6.19	77	106799	22.797	ng		97
10) Phenol	6.32	94	363985	44.841	ng		81
11) bis(2-Chloroethyl)ether	6.39	93	271645	43.342	ng		99
12) 1,3-Dichlorobenzene	6.59	146	299870	44.148	ng		97
13) 1,4-Dichlorobenzene	6.67	146	304742	44.043	ng		100
14) 1,2-Dichlorobenzene	6.82	146	283192	44.411	ng		98
15) Benzyl Alcohol	6.80	79	236757	42.603	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.93	45	472285	38.724	ng		82
17) 2-Methylphenol	6.92	107	227359	41.063	ng		95
18) Hexachloroethane	7.16	117	111017	42.933	ng		97
19) n-Nitroso-di-n-propylamine	7.07	70	193353	42.024	ng		98
20) 3+4-Methylphenols	7.08	107	299436	44.219	ng	#	79
22) Acetophenone	7.06	105	390473	49.990	ng	#	98
24) Nitrobenzene	7.23	77	297869	45.924	ng		97
25) Isophorone	7.47	82	524152	42.170	ng		98
26) 2-Nitrophenol	7.55	139	150011	46.292	ng		99
27) 2,4-Dimethylphenol	7.60	122	232521	47.577	ng		96
28) bis(2-Chloroethoxy)methane	7.69	93	330981	45.253	ng		99
29) 2,4-Dichlorophenol	7.80	162	226257	45.165	ng		99
30) 1,2,4-Trichlorobenzene	7.88	180	235228	41.441	ng		98
31) Naphthalene	7.96	128	760324	43.324	ng		98
32) Benzoic acid	7.73	122	161966	37.734	ng		92
33) 4-Chloroaniline	8.01	127	202377	26.489	ng		99
34) Hexachlorobutadiene	8.07	225	136569	40.193	ng		99
35) Caprolactam	8.38	113	73041m	47.664	ng		
36) 4-Chloro-3-methylphenol	8.51	107	250823	46.246	ng		96
37) 2-Methylnaphthalene	8.65	142	553992	46.561	ng		98
38) 1-Methylnaphthalene	8.75	142	519843	46.354	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.82	216	248861	42.080	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.80	237	221510	65.869	ng		98
43) 2,4,6-Trichlorophenol	8.94	196	165486	40.522	ng		99
44) 2,4,5-Trichlorophenol	8.99	196	170056	36.972	ng		96
46) 1,1'-Biphenyl	9.12	154	662417	41.914	ng		100
47) 2-Chloronaphthalene	9.14	162	518020	42.548	ng		99
48) 2-Nitroaniline	9.25	65	184084	41.723	ng		93
49) Acenaphthylene	9.56	152	813105	43.915	ng		97
50) Dimethylphthalate	9.43	163	604550	41.742	ng		99
51) 2,6-Dinitrotoluene	9.49	165	133685	42.152	ng	#	88
52) Acenaphthene	9.73	154	481850	39.013	ng		99
53) 3-Nitroaniline	9.66	138	105976	29.257	ng		93
54) 2,4-Dinitrophenol	9.77	184	137866	72.607	ng	#	90
55) Dibenzofuran	9.90	168	740276	43.677	ng		98
56) 4-Nitrophenol	9.85	139	192736	71.514	ng		99
57) 2,4-Dinitrotoluene	9.89	165	179682	43.001	ng		97
58) Fluorene	10.25	166	588075	43.385	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.03	232	148698	42.269	ng		96
60) Diethylphthalate	10.13	149	617189	41.117	ng		99
61) 4-Chlorophenyl-phenylether	10.24	204	281930	40.581	ng		98
62) 4-Nitroaniline	10.27	138	148916	43.139	ng		99
63) Azobenzene	10.40	77	587106	43.643	ng		97
65) 4,6-Dinitro-2-methylphenol	10.30	198	99116	41.265	ng		87
66) n-Nitrosodiphenylamine	10.36	169	516297	42.581	ng		99
67) 4-Bromophenyl-phenylether	10.73	248	169710	37.430	ng		99
68) Hexachlorobenzene	10.79	284	188395	40.959	ng		98
69) Atrazine	10.89	200	161328	47.821	ng		99
70) Pentachlorophenol	10.99	266	156466	59.030	ng		99
71) Phenanthrene	11.20	178	853526	43.988	ng		98
72) Anthracene	11.26	178	890864	44.943	ng		98
73) Carbazole	11.42	167	812278	43.333	ng		98
74) Di-n-butylphthalate	11.75	149	1015805	41.222	ng		99
75) Fluoranthene	12.39	202	967955	46.233	ng		97
77) Benzidine	12.52	184	567147	61.143	ng		98
78) Pyrene	12.62	202	977481	42.255	ng		97
80) Butylbenzylphthalate	13.25	149	433732	38.640	ng		97
81) Benzo(a)anthracene	13.81	228	800289	44.332	ng		100
82) 3,3'-Dichlorobenzidine	13.78	252	209354	31.081	ng		95
83) Chrysene	13.85	228	859269	46.846	ng		97
84) Bis(2-ethylhexyl)phthalate	13.82	149	578679	38.069	ng		98
85) Di-n-octyl phthalate	14.43	149	1016858	39.289	ng		98
86) Indeno(1,2,3-cd)pyrene	16.59	276	973036	60.180	ng		99
88) Benzo(b)fluoranthene	14.83	252	890457	39.399	ng		100
89) Benzo(k)fluoranthene	14.86	252	829179	42.520	ng		98
90) Benzo(a)pyrene	15.17	252	805800	42.404	ng		98
91) Dibenzo(a,h)anthracene	16.60	278	807092	47.948	ng		99
92) Benzo(g,h,i)perylene	16.99	276	763606	45.957	ng		96

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

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