Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071719\
Data File : BF115622.D
Acq On : 17 Jul 2019 14:43
Operator : HP/JU
Sample : PB121441BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB121441BS

Manual Integrations APPROVED
mohammad
7/19/2019 2:25:50 PM

Quant Time: Jul 18 04:54:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 14:03:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	157640	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	655197	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	328605	20.00	ng		0.00
64) Phenanthrene-d10	11.40	188	648100	20.00	ng		0.00
76) Chrysene-d12	14.04	240	424929	20.00	ng		-0.01
87) Perylene-d12	15.50	264	322143	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	1209136	125.46	ng		0.02
7) Phenol-d6	6.52	99	1346514	110.11	ng		0.00
23) Nitrobenzene-d5	7.45	82	814739	72.31	ng		0.00
42) 2,4,6-Tribromophenol	10.71	330	407745	106.30	ng		0.00
45) 2-Fluorobiphenyl	9.24	172	1521792	81.06	ng		-0.01
79) Terphenyl-d14	12.98	244	1672943	72.64	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.77	88	176342	36.682	ng		98
3) Pyridine	3.52	79	446735	34.252	ng		99
4) n-Nitrosodimethylamine	3.46	42	201554	42.597	ng		95
6) Aniline	6.55	93	420172	24.690	ng		99
8) 2-Chlorophenol	6.67	128	406848	36.718	ng		95
9) Benzaldehyde	6.43	77	42619	5.577	ng		99
10) Phenol	6.53	94	523550	36.880	ng		87
11) bis(2-Chloroethyl)ether	6.62	93	377694	34.945	ng		99
12) 1,3-Dichlorobenzene	6.83	146	422612	33.923	ng		99
13) 1,4-Dichlorobenzene	6.90	146	426215	34.290	ng		96
14) 1,2-Dichlorobenzene	7.06	146	402294	35.405	ng		96
15) Benzyl Alcohol	7.02	79	361855	37.301	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	502605	35.322	ng		98
17) 2-Methylphenol	7.13	107	350465	36.702	ng		99
18) Hexachloroethane	7.40	117	155431	33.690	ng		96
19) n-Nitroso-di-n-propylamine	7.30	70	282684	35.444	ng		99
20) 3+4-Methylphenols	7.29	107	416427	36.715	ng		96
22) Acetophenone	7.29	105	557345	37.654	ng	#	94
24) Nitrobenzene	7.46	77	442939	36.445	ng		97
25) Isophorone	7.70	82	826123	36.639	ng		99
26) 2-Nitrophenol	7.78	139	233389	37.309	ng		97
27) 2,4-Dimethylphenol	7.82	122	395983	42.306	ng		99
28) bis(2-Chloroethoxy)methane	7.91	93	497654	35.977	ng		99
29) 2,4-Dichlorophenol	8.02	162	368809	37.888	ng		98
30) 1,2,4-Trichlorobenzene	8.11	180	393486	35.760	ng		97
31) Naphthalene	8.19	128	1190009	37.503	ng		97
32) Benzoic acid	7.95	122	288865	37.606	ng		100
33) 4-Chloroaniline	8.23	127	295347	21.013	ng		98
34) Hexachlorobutadiene	8.31	225	223736	35.458	ng		98
35) Caprolactam	8.60	113	118953m	39.545	ng		
36) 4-Chloro-3-methylphenol	8.72	107	382349	37.866	ng		98
37) 2-Methylnaphthalene	8.88	142	814714	38.734	ng		97
38) 1-Methylnaphthalene	8.97	142	761951	38.138	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	375656	37.962	ng		98

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	311078	55.109 ng	99
43) 2,4,6-Trichlorophenol	9.15	196	268382	37.087 ng	99
44) 2,4,5-Trichlorophenol	9.20	196	280226	37.813 ng	98
46) 1,1'-Biphenyl	9.34	154	1004388	39.096 ng	98
47) 2-Chloronaphthalene	9.37	162	784349	36.667 ng	98
48) 2-Nitroaniline	9.46	65	234051	35.351 ng	97
49) Acenaphthylene	9.78	152	1180042	37.230 ng	98
50) Dimethylphthalate	9.64	163	929499	37.596 ng	99
51) 2,6-Dinitrotoluene	9.70	165	215672	38.386 ng	96
52) Acenaphthene	9.95	154	841710	41.132 ng	98
53) 3-Nitroaniline	9.86	138	155673	24.246 ng	99
54) 2,4-Dinitrophenol	9.97	184	233456	80.930 ng	99
55) Dibenzofuran	10.13	168	1078776	37.122 ng	98
56) 4-Nitrophenol	10.03	139	346198	70.710 ng	99
57) 2,4-Dinitrotoluene	10.10	165	282271	38.778 ng	93
58) Fluorene	10.47	166	802874	38.646 ng	98
59) 2,3,4,6-Tetrachlorophenol	10.24	232	248827	40.165 ng	98
60) Diethylphthalate	10.34	149	893172	38.558 ng	99
61) 4-Chlorophenyl-phenylether	10.46	204	419198	36.386 ng	97
62) 4-Nitroaniline	10.48	138	205483	33.364 ng	97
63) Azobenzene	10.62	77	853457	37.984 ng	97
65) 4,6-Dinitro-2-methylphenol	10.51	198	153066	38.656 ng	97
66) n-Nitrosodiphenylamine	10.57	169	737381	36.576 ng	99
67) 4-Bromophenyl-phenylether	10.95	248	263791	35.617 ng	98
68) Hexachlorobenzene	11.02	284	299644	35.428 ng	97
69) Atrazine	11.10	200	222284	33.610 ng	99
70) Pentachlorophenol	11.21	266	350472	67.749 ng	98
71) Phenanthrene	11.43	178	1224084	36.847 ng	97
72) Anthracene	11.48	178	1235345	35.982 ng	99
73) Carbazole	11.63	167	1106733	36.760 ng	99
74) Di-n-butylphthalate	11.96	149	1378627	37.175 ng	99
75) Fluoranthene	12.62	202	1291788	36.797 ng	99
77) Benzidine	12.73	184	261588	17.378 ng	99
78) Pyrene	12.84	202	1285636	35.711 ng	97
80) Butylbenzylphthalate	13.45	149	578402	37.688 ng	96
81) Benzo(a)anthracene	14.03	228	1017138	36.334 ng	97
82) 3,3'-Dichlorobenzidine	13.99	252	316024	31.755 ng	98
83) Chrysene	14.06	228	1029066	36.618 ng	98
84) Bis(2-ethylhexyl)phthalate	14.02	149	762615	40.116 ng	99
85) Di-n-octyl phthalate	14.63	149	1226479	40.548 ng	98
86) Indeno(1,2,3-cd)pyrene	16.97	276	942461	39.474 ng	99
88) Benzo(b)fluoranthene	15.07	252	1019319	49.139 ng	100
89) Benzo(k)fluoranthene	15.10	252	857117	46.346 ng	99
90) Benzo(a)pyrene	15.44	252	866453	48.599 ng	99
91) Dibenzo(a,h)anthracene	16.99	278	810446	51.779 ng	99
92) Benzo(g,h,i)perylene	17.42	276	809850	51.880 ng	99

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

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