Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072719\
Data File : BF115817.D
Acq On : 27 Jul 2019 9:06
Operator : HP/JU
Sample : PB121745BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB121745BS

Manual Integrations APPROVED
mohammad
7/29/2019 5:29:45 PM

Quant Time: Jul 29 01:18:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 25 13:16:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	170043	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	706456	20.00	ng		0.00
39) Acenaphthene-d10	9.91	164	370731	20.00	ng		0.00
64) Phenanthrene-d10	11.40	188	693240	20.00	ng		0.00
76) Chrysene-d12	14.03	240	456474	20.00	ng		0.00
87) Perylene-d12	15.50	264	367599	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	1110831	106.86	ng		0.02
7) Phenol-d6	6.51	99	1443828	109.46	ng		0.00
23) Nitrobenzene-d5	7.43	82	929073	76.47	ng		0.00
42) 2,4,6-Tribromophenol	10.70	330	439080	101.47	ng		0.00
45) 2-Fluorobiphenyl	9.23	172	1733709	81.85	ng		0.00
79) Terphenyl-d14	12.98	244	1789446	72.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.76	88	178408	34.405	ng		99
3) Pyridine	3.51	79	424229	30.154	ng		99
4) n-Nitrosodimethylamine	3.46	42	196194	38.440	ng		97
6) Aniline	6.53	93	465728	25.371	ng		96
8) 2-Chlorophenol	6.66	128	453332	37.929	ng		95
9) Benzaldehyde	6.42	77	198435	24.073	ng		98
10) Phenol	6.52	94	567287	37.046	ng		97
11) bis(2-Chloroethyl)ether	6.61	93	434789	37.294	ng		96
12) 1,3-Dichlorobenzene	6.82	146	473628	35.245	ng		99
13) 1,4-Dichlorobenzene	6.89	146	481047	35.878	ng		99
14) 1,2-Dichlorobenzene	7.05	146	446714	36.447	ng		99
15) Benzyl Alcohol	7.02	79	389255	37.199	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	592193	38.582	ng		96
17) 2-Methylphenol	7.13	107	404189	39.241	ng		99
18) Hexachloroethane	7.39	117	178319	35.832	ng		95
19) n-Nitroso-di-n-propylamine	7.29	70	322025	37.432	ng		99
20) 3+4-Methylphenols	7.28	107	464087	37.932	ng		99
22) Acetophenone	7.28	105	623122	39.043	ng	#	99
24) Nitrobenzene	7.45	77	508101	38.773	ng		95
25) Isophorone	7.69	82	953880	39.236	ng		99
26) 2-Nitrophenol	7.77	139	258204	38.281	ng		100
27) 2,4-Dimethylphenol	7.81	122	439963	43.595	ng		97
28) bis(2-Chloroethoxy)methane	7.90	93	587554	39.395	ng		99
29) 2,4-Dichlorophenol	8.02	162	411119	39.170	ng		98
30) 1,2,4-Trichlorobenzene	8.10	180	437241	36.854	ng		99
31) Naphthalene	8.17	128	1345237	39.319	ng		100
32) Benzoic acid	7.95	122	306141	36.963	ng		99
33) 4-Chloroaniline	8.22	127	381748	25.190	ng		99
34) Hexachlorobutadiene	8.29	225	249630	36.691	ng		96
35) Caprolactam	8.60	113	121692m	37.520	ng		
36) 4-Chloro-3-methylphenol	8.71	107	434279	39.888	ng		97
37) 2-Methylnaphthalene	8.87	142	923153	40.705	ng		99
38) 1-Methylnaphthalene	8.97	142	870474	40.409	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	419017	37.533	ng		99

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	305409	47.957 ng	98
43) 2,4,6-Trichlorophenol	9.15	196	287664	35.235 ng	99
44) 2,4,5-Trichlorophenol	9.19	196	304344	36.401 ng	99
46) 1,1'-Biphenyl	9.33	154	1127183	38.891 ng	100
47) 2-Chloronaphthalene	9.36	162	891568	36.944 ng	99
48) 2-Nitroaniline	9.45	65	278890	37.337 ng	97
49) Acenaphthylene	9.77	152	1355944	37.919 ng	99
50) Dimethylphthalate	9.63	163	1054466	37.804 ng	100
51) 2,6-Dinitrotoluene	9.69	165	232347	36.655 ng	100
52) Acenaphthene	9.95	154	818471	35.452 ng	98
53) 3-Nitroaniline	9.86	138	190857	26.348 ng	98
54) 2,4-Dinitrophenol	9.97	184	207345	63.711 ng	99
55) Dibenzofuran	10.12	168	1214900	37.055 ng	100
56) 4-Nitrophenol	10.03	139	348625	63.114 ng	96
57) 2,4-Dinitrotoluene	10.10	165	306562	37.330 ng	91
58) Fluorene	10.46	166	918924	39.206 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.24	232	263132	37.648 ng	98
60) Diethylphthalate	10.33	149	1015182	38.845 ng	99
61) 4-Chlorophenyl-phenylether	10.45	204	472129	36.324 ng	97
62) 4-Nitroaniline	10.48	138	239191	34.425 ng	98
63) Azobenzene	10.61	77	1025734	40.464 ng	99
65) 4,6-Dinitro-2-methylphenol	10.52	198	146529	34.596 ng	91
66) n-Nitrosodiphenylamine	10.57	169	833068	38.632 ng	99
67) 4-Bromophenyl-phenylether	10.94	248	294306	37.150 ng	99
68) Hexachlorobenzene	11.02	284	323611	35.770 ng	96
69) Atrazine	11.09	200	238978	33.781 ng	99
70) Pentachlorophenol	11.20	266	355353	64.220 ng	99
71) Phenanthrene	11.42	178	1348104	37.938 ng	99
72) Anthracene	11.47	178	1373331	37.396 ng	100
73) Carbazole	11.63	167	1224226	38.015 ng	99
74) Di-n-butylphthalate	11.95	149	1557774	39.270 ng	99
75) Fluoranthene	12.61	202	1400708	37.302 ng	99
77) Benzidine	12.72	184	396182	24.500 ng	98
78) Pyrene	12.84	202	1405853	36.351 ng	99
80) Butylbenzylphthalate	13.44	149	657910	39.906 ng	100
81) Benzo(a)anthracene	14.03	228	1154903	38.404 ng	99
82) 3,3'-Dichlorobenzidine	13.98	252	352262	32.950 ng	99
83) Chrysene	14.06	228	1099265	36.413 ng	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	920210	45.061 ng	100
85) Di-n-octyl phthalate	14.62	149	1472003	45.303 ng	100
86) Indeno(1,2,3-cd)pyrene	16.99	276	919941	35.868 ng	99
88) Benzo(b)fluoranthene	15.07	252	1078073	45.545 ng	100
89) Benzo(k)fluoranthene	15.10	252	917663	43.484 ng	100
90) Benzo(a)pyrene	15.44	252	922540	45.346 ng	98
91) Dibenzo(a,h)anthracene	17.00	278	786474	44.034 ng	99
92) Benzo(g,h,i)perylene	17.43	276	743186	41.723 ng	98

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

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