Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072220\
Data File : BF120965.D
Acq On : 22 Jul 2020 15:22
Operator : JU/CG
Sample : PB130393BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB130393BS

Manual Integrations APPROVED
Sohil
7/24/2020 12:10:40 PM

Quant Time: Jul 22 17:19:10 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 16 14:20:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	151122	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	575228	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	300361	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	564348	20.00	ng		0.00
76) Chrysene-d12	13.97	240	450637	20.00	ng		0.00
86) Perylene-d12	15.42	264	451719	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	996546	108.10	ng		0.01
7) Phenol-d6	6.45	99	1205101	101.20	ng		0.00
23) Nitrobenzene-d5	7.38	82	754866	75.93	ng		0.00
42) 2,4,6-Tribromophenol	10.64	330	357354	108.69	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	1383889	68.79	ng		0.00
79) Terphenyl-d14	12.92	244	1452526	70.07	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	141913	33.450	ng		100
3) Pyridine	3.33	79	349162	30.937	ng		98
4) n-Nitrosodimethylamine	3.28	42	183054	37.930	ng		95
6) Aniline	6.47	93	568841	36.596	ng		100
8) 2-Chlorophenol	6.60	128	416359	40.999	ng		99
9) Benzaldehyde	6.36	77	308237	61.562	ng		100
10) Phenol	6.46	94	505910	38.622	ng		96
11) bis(2-Chloroethyl)ether	6.55	93	394715	39.319	ng		99
12) 1,3-Dichlorobenzene	6.76	146	424576	38.556	ng		98
13) 1,4-Dichlorobenzene	6.83	146	427929	39.081	ng		98
14) 1,2-Dichlorobenzene	6.99	146	412273	39.799	ng		98
15) Benzyl Alcohol	6.96	79	322796	38.332	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	552515	38.185	ng		99
17) 2-Methylphenol	7.07	107	324542	36.057	ng		98
18) Hexachloroethane	7.33	117	160980	40.619	ng		96
19) n-Nitroso-di-n-propylamine	7.23	70	255133	37.679	ng		97
20) 3+4-Methylphenols	7.22	107	371892	32.480	ng	#	90
22) Acetophenone	7.23	105	516750	40.028	ng		99
24) Nitrobenzene	7.40	77	417894	39.002	ng		98
25) Isophorone	7.64	82	760151	38.313	ng		100
26) 2-Nitrophenol	7.71	139	213615	41.978	ng		94
27) 2,4-Dimethylphenol	7.75	122	354409	42.896	ng		100
28) bis(2-Chloroethoxy)methane	7.85	93	487963	40.291	ng		100
29) 2,4-Dichlorophenol	7.96	162	342569	40.576	ng		99
30) 1,2,4-Trichlorobenzene	8.04	180	367791	39.265	ng		99
31) Naphthalene	8.12	128	1150002	38.975	ng		99
32) Benzoic acid	7.87	122	223579	36.049	ng		96
33) 4-Chloroaniline	8.17	127	435031	33.050	ng		98
34) Hexachlorobutadiene	8.24	225	212625	38.506	ng		99
35) Caprolactam	8.54	113	105577m	38.995	ng		
36) 4-Chloro-3-methylphenol	8.65	107	346390	40.005	ng		98
37) 2-Methylnaphthalene	8.81	142	773984	40.399	ng		99
38) 1-Methylnaphthalene	8.91	142	729260	40.190	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	343940	39.302	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	404021	83.534 ng	97
43) 2,4,6-Trichlorophenol	9.09	196	244151	39.624 ng	98
44) 2,4,5-Trichlorophenol	9.13	196	260199	37.228 ng	99
46) 1,1'-Biphenyl	9.27	154	933471	40.742 ng	99
47) 2-Chloronaphthalene	9.30	162	721027	38.599 ng	99
48) 2-Nitroaniline	9.39	65	220315	39.027 ng	99
49) Acenaphthylene	9.72	152	1150642	39.651 ng	100
50) Dimethylphthalate	9.57	163	859753	39.676 ng	98
51) 2,6-Dinitrotoluene	9.63	165	190042	40.822 ng	99
52) Acenaphthene	9.89	154	770044m	41.737 ng	
53) 3-Nitroaniline	9.80	138	171834	29.430 ng	99
54) 2,4-Dinitrophenol	9.91	184	175597	66.765 ng	89
55) Dibenzofuran	10.06	168	1024989	38.418 ng	100
56) 4-Nitrophenol	9.97	139	326165	73.539 ng	99
57) 2,4-Dinitrotoluene	10.04	165	253732	41.503 ng	99
58) Fluorene	10.40	166	738501	37.113 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	225533	42.381 ng	98
60) Diethylphthalate	10.27	149	863587	39.401 ng	99
61) 4-Chlorophenyl-phenylether	10.39	204	365470	34.434 ng	98
62) 4-Nitroaniline	10.42	138	210868	37.076 ng	98
63) Azobenzene	10.55	77	821876	39.388 ng	97
65) 4,6-Dinitro-2-methylphenol	10.45	198	119995	37.640 ng	96
66) n-Nitrosodiphenylamine	10.51	169	724408	40.804 ng	99
67) 4-Bromophenyl-phenylether	10.88	248	249563	39.663 ng	96
68) Hexachlorobenzene	10.95	284	281459	41.352 ng	94
69) Atrazine	11.04	200	206205	46.900 ng	100
70) Pentachlorophenol	11.14	266	321147	82.361 ng	99
71) Phenanthrene	11.36	178	1139344	39.254 ng	100
72) Anthracene	11.41	178	1203068	41.279 ng	100
73) Carbazole	11.56	167	1113518	38.499 ng	99
74) Di-n-butylphthalate	11.90	149	1376753	41.248 ng	100
75) Fluoranthene	12.55	202	1294014	40.222 ng	99
77) Benzidine	12.67	184	923805	77.971 ng	99
78) Pyrene	12.77	202	1319296	41.409 ng	100
80) Butylbenzylphthalate	13.40	149	598052	42.108 ng	95
81) Benzo(a)anthracene	13.96	228	1074115	39.362 ng	99
82) 3,3'-Dichlorobenzidine	13.93	252	405229	39.361 ng	99
83) Chrysene	14.00	228	1154423	40.256 ng	100
84) Bis(2-ethylhexyl)phthalate	13.96	149	739918	42.248 ng	100
85) Di-n-octyl phthalate	14.57	149	1449280	41.594 ng	99
87) Indeno(1,2,3-cd)pyrene	16.84	276	1177493	37.481 ng	99
88) Benzo(b)fluoranthene	15.00	252	1173844	42.990 ng	99
89) Benzo(k)fluoranthene	15.03	252	1063569	42.710 ng	99
90) Benzo(a)pyrene	15.36	252	1023073	41.068 ng	99
91) Dibenzo(a,h)anthracene	16.87	278	997307	38.864 ng	98
92) Benzo(g,h,i)perylene	17.27	276	947757	37.457 ng	99

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

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