Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032621\
Data File : BF123480.D
Acq On : 26 Mar 2021 11:36
Operator : JU/CG
Sample : PB135347BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB135347BSD

Manual Integrations APPROVED
mohammad
3/29/2021 3:27:43 PM

Quant Time: Mar 26 12:55:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 26 12:51:59 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.898	152	200948	20.00	ng		0.00
21) Naphthalene-d8	8.186	136	747315	20.00	ng		# 0.00
39) Acenaphthene-d10	9.945	164	402852	20.00	ng		0.00
64) Phenanthrene-d10	11.439	188	734648	20.00	ng		0.00
76) Chrysene-d12	14.086	240	552611	20.00	ng		0.00
86) Perylene-d12	15.580	264	422350	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.528	112	1228475	100.01	ng		0.01
7) Phenol-d6	6.528	99	1599285	97.81	ng		0.00
23) Nitrobenzene-d5	7.463	82	875029	63.19	ng		0.00
42) 2,4,6-Tribromophenol	10.739	330	473178	105.06	ng		0.00
45) 2-Fluorobiphenyl	9.263	172	1606935	56.99	ng		0.00
79) Terphenyl-d14	13.027	244	1689704	51.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.781	88	224648	38.03	ng	#	65
3) Pyridine	3.528	79	604474	38.91	ng	#	65
4) n-Nitrosodimethylamine	3.481	42	360882	38.83	ng	#	71
6) Aniline	6.563	93	646628	32.32	ng		92
8) 2-Chlorophenol	6.686	128	552010	40.75	ng		89
9) Benzaldehyde	6.445	77	134010	13.19	ng		96
10) Phenol	6.539	94	720091	42.90	ng		96
11) bis(2-Chloroethyl)ether	6.634	93	544342	40.67	ng	#	81
12) 1,3-Dichlorobenzene	6.839	146	602023	41.19	ng	#	95
13) 1,4-Dichlorobenzene	6.916	146	602063	41.19	ng		97
14) 1,2-Dichlorobenzene	7.069	146	577739	42.55	ng		96
15) Benzyl Alcohol	7.039	79	479856	37.48	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.175	45	1146580	38.18	ng		88
17) 2-Methylphenol	7.151	107	460734	41.37	ng		97
18) Hexachloroethane	7.416	117	229505	41.91	ng		95
19) n-Nitroso-di-n-propyla...	7.310	70	402618	38.07	ng	#	76
20) 3+4-Methylphenols	7.304	107	547170	39.44	ng		95
22) Acetophenone	7.310	105	748879	39.92	ng	#	90
24) Nitrobenzene	7.481	77	618460	40.40	ng		93
25) Isophorone	7.722	82	1101393	37.00	ng		97
26) 2-Nitrophenol	7.798	139	283502	51.81	ng	#	90
27) 2,4-Dimethylphenol	7.833	122	484034	39.77	ng		98
28) bis(2-Chloroethoxy)met...	7.933	93	678348	42.28	ng		99
29) 2,4-Dichlorophenol	8.039	162	478200	40.04	ng		97
30) 1,2,4-Trichlorobenzene	8.128	180	523422	40.17	ng		98
31) Naphthalene	8.210	128	1573521	39.16	ng		100
32) Benzoic acid	7.951	122	347780	48.44	ng		96
33) 4-Chloroaniline	8.251	127	388948	23.60	ng	#	94
34) Hexachlorobutadiene	8.328	225	306742	38.59	ng		98
35) Caprolactam	8.622	113	152619m	42.49	ng		
36) 4-Chloro-3-methylphenol	8.733	107	504596	40.25	ng		97
37) 2-Methylnaphthalene	8.904	142	1078508	39.16	ng		99
38) 1-Methylnaphthalene	9.004	142	1009947	39.06	ng		98
40) 1,2,4,5-Tetrachloroben...	9.069	216	477306	39.82	ng		97
41) Hexachlorocyclopentadiene	9.057	237	602623	90.04	ng		98
43) 2,4,6-Trichlorophenol	9.175	196	333894	39.78	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	359015	40.70	ng		96
46) 1,1'-Biphenyl	9.369	154	1256960	40.49	ng		98
47) 2-Chloronaphthalene	9.392	162	1001351	39.54	ng		98
48) 2-Nitroaniline	9.480	65	362166	47.12	ng	#	72
49) Acenaphthylene	9.810	152	1562659	39.45	ng		99
50) Dimethylphthalate	9.669	163	1138546	39.79	ng		100
51) 2,6-Dinitrotoluene	9.727	165	257479	43.08	ng	#	87
52) Acenaphthene	9.980	154	1097292	44.37	ng		99
53) 3-Nitroaniline	9.892	138	197752	31.33	ng		82
54) 2,4-Dinitrophenol	9.998	184	268780	92.93	ng	#	84
55) Dibenzofuran	10.157	168	1369403	38.52	ng		97
56) 4-Nitrophenol	10.057	139	445564	87.52	ng	#	80
57) 2,4-Dinitrotoluene	10.133	165	349287	46.82	ng		98
58) Fluorene	10.498	166	1054500	39.29	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.269	232	299261	41.56	ng		95
60) Diethylphthalate	10.369	149	1096607	39.26	ng		100
61) 4-Chlorophenyl-phenyle...	10.486	204	515243	39.28	ng		96
62) 4-Nitroaniline	10.510	138	265117	44.32	ng		94
63) Azobenzene	10.651	77	1134782	36.92	ng		93
65) 4,6-Dinitro-2-methylph...	10.539	198	177867	45.33	ng	#	81
66) n-Nitrosodiphenylamine	10.604	169	934871	37.98	ng		99
67) 4-Bromophenyl-phenylether	10.980	248	344089	39.54	ng		96
68) Hexachlorobenzene	11.045	284	380704	39.70	ng		96
69) Atrazine	11.133	200	280386	35.84	ng		99
70) Pentachlorophenol	11.239	266	445617	77.88	ng		99
71) Phenanthrene	11.463	178	1572936	38.73	ng		99
72) Anthracene	11.516	178	1609054	39.39	ng		99
73) Carbazole	11.663	167	1471499	38.13	ng		99
74) Di-n-butylphthalate	11.998	149	1688232	38.43	ng		99
75) Fluoranthene	12.657	202	1771978	40.30	ng		96
77) Benzidine	12.768	184	629712	38.25	ng		100
78) Pyrene	12.886	202	1770576	37.14	ng		99
80) Butylbenzylphthalate	13.504	149	712393	40.29	ng		97
81) Benzo(a)anthracene	14.074	228	1405316	38.85	ng		99
82) 3,3'-Dichlorobenzidine	14.033	252	372395	31.65	ng		97
83) Chrysene	14.115	228	1432645	38.37	ng		100
84) Bis(2-ethylhexyl)phtha...	14.068	149	915138	39.32	ng		99
85) Di-n-octyl phthalate	14.686	149	1471982	40.01	ng	#	89
87) Indeno(1,2,3-cd)pyrene	17.103	276	1091283	41.58	ng		99
88) Benzo(b)fluoranthene	15.145	252	1169254	40.13	ng		98
89) Benzo(k)fluoranthene	15.174	252	1179990	42.84	ng		99
90) Benzo(a)pyrene	15.521	252	1004244	39.93	ng		99
91) Dibenzo(a,h)anthracene	17.121	278	903786	40.56	ng		99
92) Benzo(g,h,i)perylene	17.562	276	932005	41.79	ng		97

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

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