Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022321\
Data File : BF123278.D
Acq On : 23 Feb 2021 13:32
Operator : JU/CG
Sample : PB134764BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB134764BS

Manual Integrations APPROVED
mohammad
2/24/2021 10:19:30 AM

Quant Time: Feb 23 14:30:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 19 16:08:53 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.857	152	102927	20.00	ng		0.00
21) Naphthalene-d8	8.139	136	417102	20.00	ng		# 0.00
39) Acenaphthene-d10	9.904	164	214840	20.00	ng		0.00
64) Phenanthrene-d10	11.392	188	410406	20.00	ng		0.00
76) Chrysene-d12	14.045	240	354917	20.00	ng		0.00
86) Perylene-d12	15.515	264	319499	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.492	112	944459	132.08	ng		0.02
7) Phenol-d6	6.498	99	1204299	123.97	ng		0.00
23) Nitrobenzene-d5	7.422	82	807622	88.64	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	297518	136.00	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	1270319	84.93	ng		0.00
79) Terphenyl-d14	12.986	244	1445995	78.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.687	88	126598	30.68	ng		91
3) Pyridine	3.440	79	365351	36.33	ng		95
4) n-Nitrosodimethylamine	3.387	42	197182	42.41	ng		81
6) Aniline	6.522	93	325216	28.34	ng		94
8) 2-Chlorophenol	6.645	128	366674	47.73	ng		95
9) Benzaldehyde	6.404	77	171380	32.54	ng		91
10) Phenol	6.510	94	478135	45.16	ng		96
11) bis(2-Chloroethyl)ether	6.592	93	354649	46.70	ng		96
12) 1,3-Dichlorobenzene	6.798	146	371975	46.55	ng	#	93
13) 1,4-Dichlorobenzene	6.875	146	378535	46.48	ng		95
14) 1,2-Dichlorobenzene	7.028	146	363538	47.98	ng		95
15) Benzyl Alcohol	7.004	79	350260	46.24	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.134	45	465904	44.73	ng		99
17) 2-Methylphenol	7.116	107	304880	47.18	ng		94
18) Hexachloroethane	7.369	117	145813	49.57	ng		92
19) n-Nitroso-di-n-propyla...	7.275	70	272389	47.13	ng		97
20) 3+4-Methylphenols	7.269	107	376838	44.41	ng	#	88
22) Acetophenone	7.269	105	514431	47.55	ng	#	91
24) Nitrobenzene	7.439	77	431349	44.90	ng		91
25) Isophorone	7.681	82	743153	43.62	ng		96
26) 2-Nitrophenol	7.757	139	192512	47.84	ng		90
27) 2,4-Dimethylphenol	7.798	122	301669	48.42	ng		95
28) bis(2-Chloroethoxy)met...	7.886	93	438115	49.13	ng		99
29) 2,4-Dichlorophenol	8.004	162	291888	45.38	ng		96
30) 1,2,4-Trichlorobenzene	8.081	180	319937	45.75	ng		99
31) Naphthalene	8.163	128	1030877	45.10	ng		99
32) Benzoic acid	7.928	122	214933	46.77	ng	#	84
33) 4-Chloroaniline	8.210	127	151599	16.30	ng	#	93
34) Hexachlorobutadiene	8.281	225	174779	44.31	ng		99
35) Caprolactam	8.581	113	105147m	48.72	ng		
36) 4-Chloro-3-methylphenol	8.704	107	364013	47.61	ng		93
37) 2-Methylnaphthalene	8.857	142	682442	44.82	ng		97
38) 1-Methylnaphthalene	8.957	142	642454	45.11	ng		100
40) 1,2,4,5-Tetrachloroben...	9.028	216	302225	47.08	ng	#	97
41) Hexachlorocyclopentadiene	9.016	237	303976	101.07	ng		99
43) 2,4,6-Trichlorophenol	9.139	196	205014	45.03	ng		93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	218533	44.85	ng		92
46) 1,1'-Biphenyl	9.322	154	825270	46.31	ng		100
47) 2-Chloronaphthalene	9.345	162	634975	45.16	ng		97
48) 2-Nitroaniline	9.445	65	248725	49.37	ng	#	80
49) Acenaphthylene	9.763	152	987698	46.31	ng		99
50) Dimethylphthalate	9.628	163	755491	47.02	ng		100
51) 2,6-Dinitrotoluene	9.686	165	175105	47.29	ng	#	80
52) Acenaphthene	9.939	154	761108m	51.75	ng		
53) 3-Nitroaniline	9.851	138	100121	24.36	ng	#	77
54) 2,4-Dinitrophenol	9.963	184	202847	104.29	ng	#	81
55) Dibenzofuran	10.110	168	882786	44.34	ng		96
56) 4-Nitrophenol	10.028	139	309503	94.51	ng	#	71
57) 2,4-Dinitrotoluene	10.092	165	242573	48.72	ng		89
58) Fluorene	10.451	166	719836	45.94	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.227	232	185922	47.83	ng	#	84
60) Diethylphthalate	10.327	149	744567	46.80	ng		100
61) 4-Chlorophenyl-phenyle...	10.445	204	342668	45.94	ng		98
62) 4-Nitroaniline	10.475	138	190564	46.07	ng		82
63) Azobenzene	10.604	77	826724	45.10	ng		95
65) 4,6-Dinitro-2-methylph...	10.504	198	135342	48.99	ng		94
66) n-Nitrosodiphenylamine	10.563	169	627305	44.20	ng		99
67) 4-Bromophenyl-phenylether	10.933	248	202027	45.15	ng	#	91
68) Hexachlorobenzene	11.004	284	216475	45.93	ng		93
69) Atrazine	11.092	200	183919	41.01	ng		97
70) Pentachlorophenol	11.198	266	279409	93.89	ng		99
71) Phenanthrene	11.422	178	1123303	46.28	ng		98
72) Anthracene	11.469	178	1151833	47.56	ng		100
73) Carbazole	11.627	167	1041653	45.68	ng		99
74) Di-n-butylphthalate	11.957	149	1167943	45.81	ng		99
75) Fluoranthene	12.610	202	1232934	47.93	ng		100
77) Benzidine	12.733	184	339403	29.61	ng		99
78) Pyrene	12.845	202	1252953	45.22	ng		100
80) Butylbenzylphthalate	13.457	149	537599	45.90	ng		88
81) Benzo(a)anthracene	14.033	228	1113911	46.18	ng		98
82) 3,3'-Dichlorobenzidine	13.998	252	246289	30.72	ng		97
83) Chrysene	14.074	228	1085765	45.83	ng		100
84) Bis(2-ethylhexyl)phtha...	14.021	149	699689	43.39	ng		100
85) Di-n-octyl phthalate	14.639	149	1217751	44.20	ng		97
87) Indeno(1,2,3-cd)pyrene	17.009	276	1018817	46.14	ng		98
88) Benzo(b)fluoranthene	15.092	252	1112264	49.57	ng		99
89) Benzo(k)fluoranthene	15.121	252	1048374	51.53	ng		100
90) Benzo(a)pyrene	15.457	252	963743	48.17	ng		98
91) Dibenzo(a,h)anthracene	17.021	278	848311	44.78	ng		98
92) Benzo(g,h,i)perylene	17.456	276	814678	46.69	ng		99

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

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