Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032621\
Data File : BF123479.D
Acq On : 26 Mar 2021 11:04
Operator : JU/CG
Sample : PB135347BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB135347BS

Manual Integrations APPROVED
mohammad
3/29/2021 3:27:40 PM

Quant Time: Mar 26 12:54:55 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	208804	20.00	ng		0.00
21) Naphthalene-d8	8.186	136	782298	20.00	ng		# 0.00
39) Acenaphthene-d10	9.945	164	416788	20.00	ng		0.00
64) Phenanthrene-d10	11.439	188	767169	20.00	ng		0.00
76) Chrysene-d12	14.086	240	577194	20.00	ng		0.00
86) Perylene-d12	15.580	264	430223	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.528	112	1275629	99.94	ng		0.01
7) Phenol-d6	6.528	99	1671488	98.38	ng		0.00
23) Nitrobenzene-d5	7.463	82	907496	62.61	ng		0.00
42) 2,4,6-Tribromophenol	10.739	330	493546	105.92	ng		0.00
45) 2-Fluorobiphenyl	9.263	172	1667466	57.16	ng		0.00
79) Terphenyl-d14	13.027	244	1759544	51.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.793	88	237458	38.68	ng	#	66
3) Pyridine	3.534	79	636273	39.41	ng	#	62
4) n-Nitrosodimethylamine	3.487	42	376250	38.96	ng	#	70
6) Aniline	6.563	93	691651	33.27	ng		95
8) 2-Chlorophenol	6.687	128	575078	40.86	ng		89
9) Benzaldehyde	6.445	77	139993	13.28	ng		97
10) Phenol	6.539	94	751299	43.08	ng		96
11) bis(2-Chloroethyl)ether	6.634	93	563615	40.53	ng	#	81
12) 1,3-Dichlorobenzene	6.845	146	621898	40.95	ng		99
13) 1,4-Dichlorobenzene	6.916	146	622970	41.02	ng		96
14) 1,2-Dichlorobenzene	7.069	146	598491	42.42	ng		97
15) Benzyl Alcohol	7.039	79	500866	37.65	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.175	45	1200094	38.45	ng		87
17) 2-Methylphenol	7.151	107	476096	41.14	ng		98
18) Hexachloroethane	7.416	117	238739	41.95	ng		97
19) n-Nitroso-di-n-propyla...	7.316	70	421303	38.34	ng	#	80
20) 3+4-Methylphenols	7.304	107	571514	39.65	ng		95
22) Acetophenone	7.310	105	786231	40.04	ng	#	88
24) Nitrobenzene	7.481	77	633807	39.55	ng		94
25) Isophorone	7.722	82	1146609	36.79	ng		98
26) 2-Nitrophenol	7.798	139	297827	51.99	ng	#	88
27) 2,4-Dimethylphenol	7.834	122	538925	42.31	ng		98
28) bis(2-Chloroethoxy)met...	7.934	93	702716	41.84	ng		99
29) 2,4-Dichlorophenol	8.039	162	495229	39.61	ng		95
30) 1,2,4-Trichlorobenzene	8.128	180	542937	39.81	ng		99
31) Naphthalene	8.210	128	1638989	38.97	ng		100
32) Benzoic acid	7.957	122	365770	48.67	ng		97
33) 4-Chloroaniline	8.251	127	416513	24.14	ng	#	94
34) Hexachlorobutadiene	8.328	225	318548	38.29	ng		99
35) Caprolactam	8.622	113	158257m	42.09	ng		
36) 4-Chloro-3-methylphenol	8.733	107	528798	40.30	ng		95
37) 2-Methylnaphthalene	8.904	142	1119652	38.83	ng		100
38) 1-Methylnaphthalene	9.004	142	1055819	39.01	ng		100
40) 1,2,4,5-Tetrachloroben...	9.069	216	504887	40.71	ng		98
41) Hexachlorocyclopentadiene	9.057	237	622007	89.82	ng		96
43) 2,4,6-Trichlorophenol	9.175	196	346349	39.88	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.222	196	373707	40.95	ng		99
46) 1,1'-Biphenyl	9.369	154	1317641	41.02	ng		98
47) 2-Chloronaphthalene	9.392	162	1042757	39.80	ng		98
48) 2-Nitroaniline	9.486	65	378507	47.60	ng	#	80
49) Acenaphthylene	9.810	152	1629098	39.75	ng		99
50) Dimethylphthalate	9.669	163	1180662	39.88	ng		99
51) 2,6-Dinitrotoluene	9.728	165	267349	43.23	ng	#	83
52) Acenaphthene	9.980	154	1130824	44.20	ng		98
53) 3-Nitroaniline	9.892	138	217915	33.37	ng		86
54) 2,4-Dinitrophenol	10.004	184	278464	93.05	ng		98
55) Dibenzofuran	10.157	168	1414291	38.45	ng		99
56) 4-Nitrophenol	10.057	139	451457	85.72	ng	#	72
57) 2,4-Dinitrotoluene	10.133	165	365246	47.32	ng		97
58) Fluorene	10.498	166	1099129	39.58	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.269	232	320688	43.05	ng		95
60) Diethylphthalate	10.369	149	1142164	39.52	ng		99
61) 4-Chlorophenyl-phenyle...	10.486	204	531834	39.19	ng		95
62) 4-Nitroaniline	10.516	138	276539	44.68	ng		99
63) Azobenzene	10.651	77	1186739	37.32	ng		92
65) 4,6-Dinitro-2-methylph...	10.539	198	189212	46.08	ng	#	78
66) n-Nitrosodiphenylamine	10.610	169	977682	38.03	ng		99
67) 4-Bromophenyl-phenylether	10.980	248	355512	39.12	ng		96
68) Hexachlorobenzene	11.051	284	402456	40.19	ng	#	92
69) Atrazine	11.133	200	295785	36.20	ng		99
70) Pentachlorophenol	11.239	266	460793	77.12	ng		97
71) Phenanthrene	11.463	178	1637311	38.61	ng		100
72) Anthracene	11.516	178	1697706	39.80	ng		99
73) Carbazole	11.669	167	1533705	38.06	ng		99
74) Di-n-butylphthalate	11.998	149	1763427	38.44	ng		99
75) Fluoranthene	12.657	202	1838896	40.05	ng		97
77) Benzidine	12.768	184	634345	36.89	ng		99
78) Pyrene	12.886	202	1842791	37.01	ng		99
80) Butylbenzylphthalate	13.504	149	740193	40.08	ng		97
81) Benzo(a)anthracene	14.074	228	1450500	38.39	ng		99
82) 3,3'-Dichlorobenzidine	14.033	252	382110	31.10	ng		98
83) Chrysene	14.115	228	1463248	37.52	ng		99
84) Bis(2-ethylhexyl)phtha...	14.068	149	935599	38.48	ng		98
85) Di-n-octyl phthalate	14.686	149	1476356	38.42	ng	#	89
87) Indeno(1,2,3-cd)pyrene	17.098	276	1087920	40.69	ng		99
88) Benzo(b)fluoranthene	15.145	252	1212272	40.84	ng		97
89) Benzo(k)fluoranthene	15.174	252	1176561	41.93	ng		99
90) Benzo(a)pyrene	15.521	252	1020311	39.82	ng		99
91) Dibenzo(a,h)anthracene	17.121	278	899149	39.62	ng		99
92) Benzo(g,h,i)perylene	17.562	276	923279	40.64	ng		98

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

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