Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101221\
Data File : BF125797.D
Acq On : 12 Oct 2021 12:19
Operator : JU/CG
Sample : PB139688BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB139688BS

Manual Integrations APPROVED
mohammad
10/14/2021 10:53:18 AM

Quant Time: Oct 12 16:26:04 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 07 17:16:23 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.845	152	272208	20.00	ng		0.00
21) Naphthalene-d8	8.128	136	1149351	20.00	ng	#	0.00
39) Acenaphthene-d10	9.880	164	591240	20.00	ng		0.00
64) Phenanthrene-d10	11.363	188	960731	20.00	ng	#	0.00
76) Chrysene-d12	13.998	240	502093	20.00	ng		0.00
86) Perylene-d12	15.451	264	485540	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	1902943	114.20	ng		0.02
7) Phenol-d6	6.475	99	2363877	110.20	ng		0.00
23) Nitrobenzene-d5	7.410	82	1446828	78.25	ng		0.00
42) 2,4,6-Tribromophenol	10.669	330	657684	112.67	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	2657717	77.53	ng		0.00
79) Terphenyl-d14	12.945	244	2408112	73.06	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.704	88	248888	35.08	ng	#	100
3) Pyridine	3.451	79	570374	31.07	ng	#	70
4) n-Nitrosodimethylamine	3.399	42	287096	43.45	ng	#	1
6) Aniline	6.510	93	1040583	42.13	ng		93
8) 2-Chlorophenol	6.628	128	821019	44.99	ng		97
9) Benzaldehyde	6.392	77	448228	38.50	ng		94
10) Phenol	6.492	94	977238	46.85	ng		92
11) bis(2-Chloroethyl)ether	6.581	93	745497	44.11	ng		98
12) 1,3-Dichlorobenzene	6.787	146	830185	41.70	ng		96
13) 1,4-Dichlorobenzene	6.863	146	847181	41.72	ng		98
14) 1,2-Dichlorobenzene	7.016	146	824701	43.37	ng		99
15) Benzyl Alcohol	6.987	79	626996	44.11	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.122	45	946493	43.79	ng		87
17) 2-Methylphenol	7.098	107	645245	44.41	ng		97
18) Hexachloroethane	7.357	117	301329	43.10	ng		93
19) n-Nitroso-di-n-propyla...	7.263	70	492794	43.52	ng	#	69
20) 3+4-Methylphenols	7.251	107	746790	41.68	ng		90
22) Acetophenone	7.257	105	1014497	40.15	ng	#	91
24) Nitrobenzene	7.428	77	760671	42.45	ng		97
25) Isophorone	7.669	82	1394666	42.58	ng		94
26) 2-Nitrophenol	7.745	139	415291	45.83	ng	#	93
27) 2,4-Dimethylphenol	7.781	122	739232	48.99	ng		96
28) bis(2-Chloroethoxy)met...	7.875	93	920031	40.46	ng		98
29) 2,4-Dichlorophenol	7.981	162	669810	41.20	ng		97
30) 1,2,4-Trichlorobenzene	8.069	180	707594	39.69	ng		98
31) Naphthalene	8.151	128	2231092	40.15	ng		99
32) Benzoic acid	7.910	122	501450	47.26	ng		97
33) 4-Chloroaniline	8.192	127	637967	27.43	ng		99
34) Hexachlorobutadiene	8.269	225	392616	39.43	ng		99
35) Caprolactam	8.569	113	217248m	46.25	ng		
36) 4-Chloro-3-methylphenol	8.675	107	676616	42.60	ng		98
37) 2-Methylnaphthalene	8.839	142	1520175	42.24	ng		99
38) 1-Methylnaphthalene	8.939	142	1411990	40.43	ng		98
40) 1,2,4,5-Tetrachloroben...	9.010	216	617396	38.91	ng		98
41) Hexachlorocyclopentadiene	8.998	237	683659	87.78	ng		98
43) 2,4,6-Trichlorophenol	9.116	196	483683	42.06	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	507896	41.53	ng		94
46) 1,1'-Biphenyl	9.304	154	1689494	38.87	ng		96
47) 2-Chloronaphthalene	9.328	162	1434737	40.65	ng		99
48) 2-Nitroaniline	9.422	65	384434	45.37	ng		89
49) Acenaphthylene	9.745	152	2121326	41.04	ng		97
50) Dimethylphthalate	9.604	163	1607872	41.31	ng		97
51) 2,6-Dinitrotoluene	9.663	165	369520	46.97	ng		95
52) Acenaphthene	9.916	154	1451511	44.95	ng		98
53) 3-Nitroaniline	9.833	138	330712	35.55	ng	#	96
54) 2,4-Dinitrophenol	9.939	184	349796	104.75	ng	#	71
55) Dibenzofuran	10.086	168	1921860	39.73	ng		97
56) 4-Nitrophenol	9.992	139	635084	91.59	ng		90
57) 2,4-Dinitrotoluene	10.069	165	488895	49.15	ng	#	81
58) Fluorene	10.428	166	1425095	40.22	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.204	232	388189	42.05	ng	#	89
60) Diethylphthalate	10.304	149	1528033	41.15	ng		99
61) 4-Chlorophenyl-phenyle...	10.422	204	647874	37.96	ng		91
62) 4-Nitroaniline	10.451	138	400146	46.55	ng	#	73
63) Azobenzene	10.580	77	1426813	40.87	ng		85
65) 4,6-Dinitro-2-methylph...	10.475	198	222050	46.33	ng	#	72
66) n-Nitrosodiphenylamine	10.539	169	1328739	40.54	ng		95
67) 4-Bromophenyl-phenylether	10.910	248	418075	39.29	ng		98
68) Hexachlorobenzene	10.975	284	498480	41.34	ng	#	89
69) Atrazine	11.069	200	420938	44.25	ng		93
70) Pentachlorophenol	11.169	266	544083	84.41	ng		95
71) Phenanthrene	11.392	178	2068303	40.24	ng		96
72) Anthracene	11.439	178	2129286	41.47	ng		97
73) Carbazole	11.592	167	1932800	40.45	ng		98
74) Di-n-butylphthalate	11.927	149	2161018	40.97	ng		99
75) Fluoranthene	12.574	202	1995624	43.03	ng		96
77) Benzidine	12.692	184	965893	52.57	ng		98
78) Pyrene	12.804	202	1990923	39.03	ng		95
80) Butylbenzylphthalate	13.421	149	736056	45.02	ng		96
81) Benzo(a)anthracene	13.986	228	1308531	40.17	ng		99
82) 3,3'-Dichlorobenzidine	13.945	252	391086	38.00	ng		99
83) Chrysene	14.027	228	1371198	42.59	ng		97
84) Bis(2-ethylhexyl)phtha...	13.980	149	798275	44.87	ng		100
85) Di-n-octyl phthalate	14.592	149	1216882	41.05	ng	#	89
87) Indeno(1,2,3-cd)pyrene	16.904	276	1520331	41.03	ng		97
88) Benzo(b)fluoranthene	15.027	252	1277748	46.61	ng		97
89) Benzo(k)fluoranthene	15.057	252	1284480m	45.64	ng		
90) Benzo(a)pyrene	15.392	252	1276889	52.60	ng		97
91) Dibenzo(a,h)anthracene	16.921	278	1277587	41.79	ng		98
92) Benzo(g,h,i)perylene	17.345	276	1305867	41.83	ng		93

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

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