Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090821\
Data File : BF125401.D
Acq On : 8 Sep 2021 15:13
Operator : JU/CG
Sample : PB138978BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB138978BSD

Manual Integrations APPROVED
mohammad
9/9/2021 11:51:20 AM

Quant Time: Sep 08 15:46:19 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 08 14:14:01 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	192149	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	768503	20.000	ng	# 0.00
39) Acenaphthene-d10	9.927	164	413187	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	741653	20.000	ng	0.00
76) Chrysene-d12	14.062	240	423326	20.000	ng	# 0.00
86) Perylene-d12	15.551	264	397625	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1281918	100.979	ng	0.01
7) Phenol-d6	6.528	99	1595447	97.174	ng	0.00
23) Nitrobenzene-d5	7.457	82	1105541	72.423	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	535801	129.906	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1946913	65.672	ng	0.00
79) Terphenyl-d14	13.004	244	2123768	79.923	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.757	88	196627	31.389	ng	# 100
3) Pyridine	3.516	79	463869	28.051	ng	# 93
4) n-Nitrosodimethylamine	3.475	42	298517	36.074	ng	# 37
6) Aniline	6.551	93	699292	36.259	ng	# 91
8) 2-Chlorophenol	6.675	128	505274	39.016	ng	81
9) Benzaldehyde	6.439	77	365172	31.692	ng	93
10) Phenol	6.539	94	649949	37.801	ng	81
11) bis(2-Chloroethyl)ether	6.622	93	529803	39.125	ng	86
12) 1,3-Dichlorobenzene	6.828	146	555950	37.046	ng	97
13) 1,4-Dichlorobenzene	6.904	146	566227	37.867	ng	97
14) 1,2-Dichlorobenzene	7.057	146	542387	38.554	ng	99
15) Benzyl Alcohol	7.034	79	468625	37.071	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.163	45	973842	35.860	ng	94
17) 2-Methylphenol	7.145	107	431364	39.652	ng	# 94
18) Hexachloroethane	7.398	117	205655	39.276	ng	# 84
19) n-Nitroso-di-n-propyla...	7.304	70	370674	37.535	ng	# 77
20) 3+4-Methylphenols	7.298	107	479805	35.135	ng	# 72
22) Acetophenone	7.298	105	700251	35.405	ng	# 84
24) Nitrobenzene	7.475	77	588883	35.404	ng	# 88
25) Isophorone	7.710	82	1067747	36.259	ng	# 88
26) 2-Nitrophenol	7.786	139	286169	43.086	ng	# 79
27) 2,4-Dimethylphenol	7.828	122	444101	38.194	ng	90
28) bis(2-Chloroethoxy)met...	7.922	93	651649	39.966	ng	# 97
29) 2,4-Dichlorophenol	8.033	162	447191	37.712	ng	97
30) 1,2,4-Trichlorobenzene	8.110	180	480119	37.130	ng	96
31) Naphthalene	8.192	128	1367025	34.733	ng	99
32) Benzoic acid	7.963	122	309812	39.257	ng	87
33) 4-Chloroaniline	8.239	127	450104	29.009	ng	# 89
34) Hexachlorobutadiene	8.304	225	312978	37.959	ng	99
35) Caprolactam	8.628	113	147395m	47.989	ng	
36) 4-Chloro-3-methylphenol	8.728	107	489272	40.417	ng	89
37) 2-Methylnaphthalene	8.886	142	962859	37.022	ng	98
38) 1-Methylnaphthalene	8.986	142	883099	36.361	ng	96
40) 1,2,4,5-Tetrachloroben...	9.051	216	486655	36.050	ng	98
41) Hexachlorocyclopentadiene	9.039	237	556935	78.525	ng	98
43) 2,4,6-Trichlorophenol	9.163	196	345339	36.331	ng	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	366702	36.670	ng		92
46) 1,1'-Biphenyl	9.351	154	1123609	33.730	ng		98
47) 2-Chloronaphthalene	9.375	162	930713	34.382	ng		98
48) 2-Nitroaniline	9.475	65	346397	41.281	ng	#	81
49) Acenaphthylene	9.792	152	1401121	35.520	ng		98
50) Dimethylphthalate	9.657	163	1123241	39.228	ng	#	98
51) 2,6-Dinitrotoluene	9.716	165	247495	39.862	ng	#	79
52) Acenaphthene	9.963	154	811332	33.178	ng		98
53) 3-Nitroaniline	9.886	138	209833	31.339	ng	#	76
54) 2,4-Dinitrophenol	9.998	184	250369	102.088	ng	#	82
55) Dibenzofuran	10.139	168	1209534	34.369	ng		98
56) 4-Nitrophenol	10.057	139	367629	69.335	ng	#	74
57) 2,4-Dinitrotoluene	10.122	165	323233	43.015	ng	#	93
58) Fluorene	10.480	166	968134	37.209	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	294633	39.701	ng	#	82
60) Diethylphthalate	10.351	149	1087296	38.951	ng		98
61) 4-Chlorophenyl-phenyle...	10.469	204	502849	38.225	ng		89
62) 4-Nitroaniline	10.510	138	255635	42.458	ng	#	84
63) Azobenzene	10.633	77	1101490	35.180	ng		91
65) 4,6-Dinitro-2-methylph...	10.533	198	173946	44.314	ng		85
66) n-Nitrosodiphenylamine	10.592	169	943408	35.525	ng		95
67) 4-Bromophenyl-phenylether	10.963	248	346012	38.852	ng	#	89
68) Hexachlorobenzene	11.027	284	371709	40.571	ng	#	85
69) Atrazine	11.121	200	321972	42.252	ng		92
70) Pentachlorophenol	11.227	266	367728	68.740	ng		91
71) Phenanthrene	11.445	178	1425903	34.893	ng		97
72) Anthracene	11.498	178	1472512	36.557	ng		98
73) Carbazole	11.651	167	1258169	34.182	ng		99
74) Di-n-butylphthalate	11.974	149	1618037	37.043	ng		99
75) Fluoranthene	12.633	202	1471507	36.290	ng		97
77) Benzidine	12.757	184	887673	60.040	ng		97
78) Pyrene	12.863	202	1450294	39.939	ng		97
80) Butylbenzylphthalate	13.474	149	594088	41.636	ng		90
81) Benzo(a)anthracene	14.051	228	1137635	37.298	ng		98
82) 3,3'-Dichlorobenzidine	14.010	252	298303	31.551	ng		99
83) Chrysene	14.092	228	1099153	36.439	ng		98
84) Bis(2-ethylhexyl)phtha...	14.033	149	831060	42.377	ng	#	99
85) Di-n-octyl phthalate	14.645	149	1265435	38.797	ng		98
87) Indeno(1,2,3-cd)pyrene	17.056	276	1182280	41.273	ng	#	90
88) Benzo(b)fluoranthene	15.115	252	1092266	37.600	ng	#	94
89) Benzo(k)fluoranthene	15.145	252	1000504	36.909	ng		99
90) Benzo(a)pyrene	15.492	252	1044771	40.715	ng	#	95
91) Dibenzo(a,h)anthracene	17.074	278	994138	40.149	ng	#	94
92) Benzo(g,h,i)perylene	17.515	276	1004801	42.086	ng	#	87

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

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