Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122121\
Data File : BF126294.D
Acq On : 21 Dec 2021 11:00
Operator : JU/CG
Sample : PB141591BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB141591BS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021

Quant Time: Dec 22 05:19:43 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 16 12:22:48 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.816	152	168007	20.000	ng		0.00
21) Naphthalene-d8	8.104	136	732296	20.000	ng	#	0.00
39) Acenaphthene-d10	9.857	164	335238	20.000	ng		0.00
64) Phenanthrene-d10	11.339	188	512227	20.000	ng	#	0.00
76) Chrysene-d12	13.980	240	258655	20.000	ng		0.01
86) Perylene-d12	15.421	264	273619	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.446	112	1352472	118.550	ng		0.02
7) Phenol-d6	6.451	99	1745169	120.474	ng		0.00
23) Nitrobenzene-d5	7.387	82	1127214	83.367	ng		0.00
42) 2,4,6-Tribromophenol	10.651	330	330732	122.760	ng		0.01
45) 2-Fluorobiphenyl	9.181	172	1490103	77.958	ng		0.00
79) Terphenyl-d14	12.927	244	1245278	83.681	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.634	88	220200	39.541	ng	#	100
3) Pyridine	3.369	79	501746	33.927	ng	#	78
4) n-Nitrosodimethylamine	3.316	42	263022	46.275	ng	#	1
6) Aniline	6.481	93	478607	26.011	ng		95
8) 2-Chlorophenol	6.604	128	569374	49.215	ng		89
9) Benzaldehyde	6.369	77	398751	45.617	ng		94
10) Phenol	6.469	94	712800	43.836	ng		94
11) bis(2-Chloroethyl)ether	6.557	93	597911	47.372	ng		98
12) 1,3-Dichlorobenzene	6.763	146	522456	44.768	ng		98
13) 1,4-Dichlorobenzene	6.840	146	529886	44.962	ng		97
14) 1,2-Dichlorobenzene	6.987	146	511999	46.987	ng		95
15) Benzyl Alcohol	6.963	79	480189	45.408	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.098	45	942161	45.614	ng		92
17) 2-Methylphenol	7.075	107	458730	45.262	ng		98
18) Hexachloroethane	7.334	117	208007	44.871	ng		95
19) n-Nitroso-di-n-propyla...	7.239	70	386791	43.495	ng	#	72
20) 3+4-Methylphenols	7.228	107	520879	43.473	ng	#	77
22) Acetophenone	7.228	105	731251	43.389	ng	#	93
24) Nitrobenzene	7.404	77	602968	44.671	ng		94
25) Isophorone	7.645	82	1100492	43.100	ng	#	89
26) 2-Nitrophenol	7.716	139	294465	48.393	ng	#	81
27) 2,4-Dimethylphenol	7.757	122	496738	48.071	ng		96
28) bis(2-Chloroethoxy)met...	7.851	93	721017	42.950	ng	#	97
29) 2,4-Dichlorophenol	7.963	162	406556	44.261	ng		94
30) 1,2,4-Trichlorobenzene	8.045	180	404337	42.557	ng		99
31) Naphthalene	8.128	128	1523222	44.479	ng		99
32) Benzoic acid	7.887	122	327917	36.835	ng		91
33) 4-Chloroaniline	8.169	127	156250	10.927	ng		96
34) Hexachlorobutadiene	8.245	225	199779	42.813	ng		99
35) Caprolactam	8.551	113	155496m	68.117	ng		
36) 4-Chloro-3-methylphenol	8.657	107	484976	44.760	ng		89
37) 2-Methylnaphthalene	8.816	142	961031	45.568	ng		97
38) 1-Methylnaphthalene	8.916	142	879781	42.985	ng		97
40) 1,2,4,5-Tetrachloroben...	8.986	216	317406	43.869	ng	#	94
41) Hexachlorocyclopentadiene	8.975	237	377979	91.227	ng		96
43) 2,4,6-Trichlorophenol	9.092	196	236434	41.540	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	261884	44.431	ng	#	93
46) 1,1'-Biphenyl	9.281	154	1105056	44.581	ng		96
47) 2-Chloronaphthalene	9.304	162	805769	43.205	ng		96
48) 2-Nitroaniline	9.398	65	307192	45.127	ng		90
49) Acenaphthylene	9.722	152	1270371	44.578	ng		98
50) Dimethylphthalate	9.586	163	927329	43.668	ng		98
51) 2,6-Dinitrotoluene	9.645	165	215398	46.863	ng		97
52) Acenaphthene	9.892	154	875876m	47.394	ng		
53) 3-Nitroaniline	9.804	138	98705	16.896	ng	#	72
54) 2,4-Dinitrophenol	9.916	184	183237	96.820	ng	#	82
55) Dibenzofuran	10.063	168	1089522	43.301	ng		100
56) 4-Nitrophenol	9.975	139	347305	82.301	ng	#	80
57) 2,4-Dinitrotoluene	10.045	165	274151	46.758	ng	#	94
58) Fluorene	10.410	166	755077	41.452	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.181	232	189304	43.317	ng	#	99
60) Diethylphthalate	10.286	149	903003	42.314	ng		97
61) 4-Chlorophenyl-phenyle...	10.398	204	335623	40.922	ng		97
62) 4-Nitroaniline	10.422	138	213336	43.532	ng	#	74
63) Azobenzene	10.557	77	1091507	42.227	ng		84
65) 4,6-Dinitro-2-methylph...	10.451	198	123203	44.047	ng		93
66) n-Nitrosodiphenylamine	10.516	169	716683	43.596	ng		97
67) 4-Bromophenyl-phenylether	10.886	248	211344	43.963	ng	#	88
68) Hexachlorobenzene	10.957	284	257895	46.644	ng	#	85
69) Atrazine	11.045	200	214954	71.352	ng		96
70) Pentachlorophenol	11.151	266	247456	80.674	ng		91
71) Phenanthrene	11.369	178	1145299	43.321	ng		97
72) Anthracene	11.422	178	1205407	45.426	ng		99
73) Carbazole	11.569	167	1059781	42.408	ng		99
74) Di-n-butylphthalate	11.904	149	1343764	42.417	ng		99
75) Fluoranthene	12.551	202	1047823	43.990	ng		91
77) Benzidine	12.674	184	271160	66.496	ng		98
78) Pyrene	12.780	202	1044210	43.942	ng		96
80) Butylbenzylphthalate	13.404	149	498429	44.572	ng	#	83
81) Benzo(a)anthracene	13.968	228	642435	41.931	ng		99
82) 3,3'-Dichlorobenzidine	13.927	252	123761	17.681	ng	#	98
83) Chrysene	14.004	228	706390	44.375	ng		98
84) Bis(2-ethylhexyl)phtha...	13.963	149	563355	45.083	ng		99
85) Di-n-octyl phthalate	14.574	149	1057138	47.457	ng		98
87) Indeno(1,2,3-cd)pyrene	16.862	276	888479	48.682	ng		93
88) Benzo(b)fluoranthene	15.010	252	757789	46.093	ng		97
89) Benzo(k)fluoranthene	15.039	252	688457	43.774	ng	#	96
90) Benzo(a)pyrene	15.368	252	732043	53.574	ng	#	97
91) Dibenzo(a,h)anthracene	16.886	278	758509	51.126	ng	#	94
92) Benzo(g,h,i)perylene	17.298	276	770056	50.166	ng		94

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

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