Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080921\
Data File : BF125002.D
Acq On : 9 Aug 2021 13:52
Operator : JU/CG
Sample : PB138266BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB138266BS

Manual Integrations APPROVED
mohammad
8/10/2021 4:34:34 PM

Quant Time: Aug 09 14:34:12 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 09 11:03:44 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	7264	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	28724	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	16176	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	29457	20.000	ng	0.00
76) Chrysene-d12	13.986	240	20450	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	15685	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	51643	116.461	ng	0.02
7) Phenol-d6	6.463	99	64562	115.466	ng	0.00
23) Nitrobenzene-d5	7.386	82	36095	65.737	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	16973	117.447	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	73899	66.847	ng	0.00
79) Terphenyl-d14	12.927	244	77165	63.650	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.710	88	7680	46.294	ng	# 100
3) Pyridine	3.446	79	15978	41.449	ng	# 91
4) n-Nitrosodimethylamine	3.410	42	12604	46.042	ng	# 76
6) Aniline	6.487	93	18670	31.610	ng	95
8) 2-Chlorophenol	6.610	128	22371	45.991	ng	94
9) Benzaldehyde	6.375	77	9899	32.541	ng	97
10) Phenol	6.475	94	25461	44.132	ng	87
11) bis(2-Chloroethyl)ether	6.563	93	20559	47.502	ng	97
12) 1,3-Dichlorobenzene	6.763	146	23870	45.087	ng	95
13) 1,4-Dichlorobenzene	6.839	146	23999	45.345	ng	97
14) 1,2-Dichlorobenzene	6.986	146	22808	45.985	ng	97
15) Benzyl Alcohol	6.963	79	17922	44.435	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.092	45	32333	46.629	ng	90
17) 2-Methylphenol	7.075	107	16855	46.292	ng	93
18) Hexachloroethane	7.328	117	10527	50.804	ng	96
19) n-Nitroso-di-n-propyla...	7.234	70	14770	44.519	ng	96
20) 3+4-Methylphenols	7.228	107	22405	46.355	ng	# 79
22) Acetophenone	7.234	105	30503	43.361	ng	# 89
24) Nitrobenzene	7.404	77	22167	41.721	ng	95
25) Isophorone	7.645	82	39928	42.606	ng	# 92
26) 2-Nitrophenol	7.722	139	12165	45.088	ng	92
27) 2,4-Dimethylphenol	7.757	122	19281	50.413	ng	90
28) bis(2-Chloroethoxy)met...	7.851	93	25336	47.502	ng	# 94
29) 2,4-Dichlorophenol	7.963	162	18669	43.813	ng	95
30) 1,2,4-Trichlorobenzene	8.045	180	20833	43.627	ng	98
31) Naphthalene	8.128	128	64804	43.912	ng	98
32) Benzoic acid	7.898	122	10332	45.955	ng	98
33) 4-Chloroaniline	8.175	127	13808	25.107	ng	# 94
34) Hexachlorobutadiene	8.239	225	12353	43.318	ng	92
35) Caprolactam	8.551	113	5057m	44.691	ng	
36) 4-Chloro-3-methylphenol	8.663	107	19969	44.800	ng	91
37) 2-Methylnaphthalene	8.816	142	43281	43.619	ng	97
38) 1-Methylnaphthalene	8.916	142	40600	43.729	ng	95
40) 1,2,4,5-Tetrachloroben...	8.980	216	20371	43.874	ng	98
41) Hexachlorocyclopentadiene	8.969	237	19573	108.706	ng	97
43) 2,4,6-Trichlorophenol	9.098	196	13631	44.101	ng	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	13819	44.167	ng		98
46) 1,1'-Biphenyl	9.280	154	52887	43.874	ng		93
47) 2-Chloronaphthalene	9.304	162	42156	43.957	ng		99
48) 2-Nitroaniline	9.404	65	12850	45.614	ng		84
49) Acenaphthylene	9.722	152	64198	44.070	ng		100
50) Dimethylphthalate	9.586	163	48187	43.959	ng	#	97
51) 2,6-Dinitrotoluene	9.651	165	10655	43.651	ng		96
52) Acenaphthene	9.892	154	37555	42.525	ng		94
53) 3-Nitroaniline	9.816	138	6967	27.099	ng	#	81
54) 2,4-Dinitrophenol	9.927	184	9578	77.561	ng		93
55) Dibenzofuran	10.069	168	59683	43.243	ng		98
56) 4-Nitrophenol	9.986	139	14292	84.333	ng	#	84
57) 2,4-Dinitrotoluene	10.057	165	14589	44.022	ng	#	93
58) Fluorene	10.410	166	46342	43.790	ng		96
59) 2,3,4,6-Tetrachlorophenol	10.186	232	10568	45.017	ng	#	92
60) Diethylphthalate	10.286	149	51263	45.570	ng		99
61) 4-Chlorophenyl-phenyle...	10.398	204	22673	45.368	ng		96
62) 4-Nitroaniline	10.433	138	10376	41.569	ng		95
63) Azobenzene	10.563	77	46737	42.486	ng		92
65) 4,6-Dinitro-2-methylph...	10.463	198	6808	36.892	ng		93
66) n-Nitrosodiphenylamine	10.522	169	39613	41.491	ng		96
67) 4-Bromophenyl-phenylether	10.886	248	14286	44.278	ng		92
68) Hexachlorobenzene	10.957	284	14757	42.041	ng	#	88
69) Atrazine	11.051	200	12929	45.066	ng		94
70) Pentachlorophenol	11.151	266	13364	80.522	ng		96
71) Phenanthrene	11.374	178	67911	42.500	ng		98
72) Anthracene	11.421	178	68748	42.887	ng		100
73) Carbazole	11.580	167	58316	39.670	ng		99
74) Di-n-butylphthalate	11.904	149	84777	45.377	ng		99
75) Fluoranthene	12.557	202	68569	41.480	ng		99
77) Benzidine	12.680	184	28199	51.535	ng	#	95
78) Pyrene	12.786	202	68824	42.727	ng		98
80) Butylbenzylphthalate	13.404	149	32720	45.645	ng		98
81) Benzo(a)anthracene	13.974	228	55155	41.387	ng		98
82) 3,3'-Dichlorobenzidine	13.933	252	12342	35.128	ng		98
83) Chrysene	14.015	228	53170	41.272	ng		99
84) Bis(2-ethylhexyl)phtha...	13.957	149	48184	48.455	ng		98
85) Di-n-octyl phthalate	14.568	149	75187	47.926	ng		99
87) Indeno(1,2,3-cd)pyrene	16.898	276	37878	40.553	ng		94
88) Benzo(b)fluoranthene	15.015	252	47062	42.732	ng		94
89) Benzo(k)fluoranthene	15.045	252	40744	40.668	ng		100
90) Benzo(a)pyrene	15.380	252	38905	41.484	ng		95
91) Dibenzo(a,h)anthracene	16.909	278	32746	39.873	ng	#	92
92) Benzo(g,h,i)perylene	17.333	276	31483	39.965	ng		94

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

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