Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083121\
Data File : BF125285.D
Acq On : 31 Aug 2021 13:08
Operator : JU/CG
Sample : PB138838BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB138838BS

Manual Integrations APPROVED
mohammad
9/1/2021 4:01:44 PM

Quant Time: Aug 31 13:40:57 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 24 12:39:21 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.916	152	175839	20.000	ng		0.00
21) Naphthalene-d8	8.198	136	664878	20.000	ng		# 0.00
39) Acenaphthene-d10	9.957	164	332979	20.000	ng		0.00
64) Phenanthrene-d10	11.439	188	581125	20.000	ng		0.00
76) Chrysene-d12	14.086	240	377721	20.000	ng		# 0.00
86) Perylene-d12	15.580	264	379912	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.551	112	1299209	111.834	ng		0.02
7) Phenol-d6	6.551	99	1596359	106.248	ng		0.01
23) Nitrobenzene-d5	7.480	82	1064585	80.610	ng		0.00
42) 2,4,6-Tribromophenol	10.745	330	462723	139.212	ng		0.00
45) 2-Fluorobiphenyl	9.274	172	1804200	75.517	ng		0.00
79) Terphenyl-d14	13.027	244	1873795	79.030	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.798	88	209082	36.473	ng	#	100
3) Pyridine	3.557	79	478092	31.592	ng	#	91
4) n-Nitrosodimethylamine	3.516	42	300750	39.715	ng	#	34
6) Aniline	6.581	93	712599	40.377	ng	#	93
8) 2-Chlorophenol	6.704	128	505422	42.647	ng		85
9) Benzaldehyde	6.469	77	388850	36.878	ng		93
10) Phenol	6.563	94	664625	42.240	ng		91
11) bis(2-Chloroethyl)ether	6.651	93	536031	43.257	ng		87
12) 1,3-Dichlorobenzene	6.857	146	567638	41.333	ng		97
13) 1,4-Dichlorobenzene	6.933	146	579053	42.316	ng		98
14) 1,2-Dichlorobenzene	7.086	146	553399	42.986	ng		99
15) Benzyl Alcohol	7.057	79	474254	40.996	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.186	45	975398	39.249	ng		95
17) 2-Methylphenol	7.169	107	416450	41.832	ng		94
18) Hexachloroethane	7.428	117	208188	43.447	ng	#	86
19) n-Nitroso-di-n-propyla...	7.328	70	364637	40.348	ng	#	77
20) 3+4-Methylphenols	7.322	107	478341	38.277	ng	#	73
22) Acetophenone	7.328	105	687385	40.171	ng	#	90
24) Nitrobenzene	7.498	77	582196	40.457	ng	#	87
25) Isophorone	7.739	82	1002942	39.366	ng	#	90
26) 2-Nitrophenol	7.816	139	273471	47.592	ng	#	83
27) 2,4-Dimethylphenol	7.851	122	428113	42.558	ng		89
28) bis(2-Chloroethoxy)met...	7.945	93	626944	44.444	ng	#	97
29) 2,4-Dichlorophenol	8.057	162	424621	41.389	ng		96
30) 1,2,4-Trichlorobenzene	8.139	180	470412	42.049	ng		94
31) Naphthalene	8.222	128	1353568	39.751	ng		99
32) Benzoic acid	7.969	122	238105	34.873	ng		85
33) 4-Chloroaniline	8.269	127	442232	32.944	ng	#	92
34) Hexachlorobutadiene	8.333	225	302528	42.410	ng		100
35) Caprolactam	8.645	113	128348m	48.301	ng		
36) 4-Chloro-3-methylphenol	8.751	107	440658	42.075	ng		93
37) 2-Methylnaphthalene	8.910	142	930056	41.334	ng		97
38) 1-Methylnaphthalene	9.010	142	841289	40.039	ng		96
40) 1,2,4,5-Tetrachloroben...	9.075	216	466590	42.889	ng		98
41) Hexachlorocyclopentadiene	9.063	237	524107	91.697	ng		99
43) 2,4,6-Trichlorophenol	9.186	196	318536	41.584	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.227	196	341150	42.332	ng		95
46) 1,1'-Biphenyl	9.374	154	1052510	39.207	ng		98
47) 2-Chloronaphthalene	9.398	162	882614	40.459	ng		98
48) 2-Nitroaniline	9.498	65	312809	46.258	ng	#	84
49) Acenaphthylene	9.816	152	1296725	40.792	ng		98
50) Dimethylphthalate	9.674	163	993064	43.036	ng	#	97
51) 2,6-Dinitrotoluene	9.739	165	219817	43.933	ng		93
52) Acenaphthene	9.986	154	771477	39.148	ng		98
53) 3-Nitroaniline	9.910	138	194145	35.981	ng	#	79
54) 2,4-Dinitrophenol	10.016	184	224121	113.399	ng	#	81
55) Dibenzofuran	10.163	168	1134327	39.996	ng		97
56) 4-Nitrophenol	10.074	139	338930	79.320	ng	#	76
57) 2,4-Dinitrotoluene	10.139	165	296131	48.901	ng	#	95
58) Fluorene	10.504	166	883265	42.125	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.280	232	260242	43.514	ng	#	84
60) Diethylphthalate	10.374	149	968695	43.061	ng		97
61) 4-Chlorophenyl-phenyle...	10.492	204	453899	42.815	ng	#	87
62) 4-Nitroaniline	10.521	138	230424	47.489	ng	#	82
63) Azobenzene	10.651	77	990082	39.238	ng		91
65) 4,6-Dinitro-2-methylph...	10.551	198	147616	47.995	ng		80
66) n-Nitrosodiphenylamine	10.616	169	845155	40.617	ng		95
67) 4-Bromophenyl-phenylether	10.986	248	305229	43.740	ng	#	88
68) Hexachlorobenzene	11.051	284	322411	44.912	ng	#	84
69) Atrazine	11.139	200	279374	46.789	ng		92
70) Pentachlorophenol	11.245	266	336687	80.323	ng		92
71) Phenanthrene	11.468	178	1289692	40.277	ng		98
72) Anthracene	11.521	178	1330027	42.141	ng		98
73) Carbazole	11.674	167	1143457	39.647	ng		99
74) Di-n-butylphthalate	11.998	149	1436906	41.984	ng		100
75) Fluoranthene	12.657	202	1303170	41.016	ng		97
77) Benzidine	12.774	184	763914	57.908	ng		97
78) Pyrene	12.886	202	1316456	40.630	ng		96
80) Butylbenzylphthalate	13.498	149	553781	43.497	ng		93
81) Benzo(a)anthracene	14.074	228	1136248	41.751	ng		99
82) 3,3'-Dichlorobenzidine	14.033	252	367100	43.515	ng		99
83) Chrysene	14.109	228	1102077	40.947	ng		98
84) Bis(2-ethylhexyl)phtha...	14.051	149	765327	43.737	ng		100
85) Di-n-octyl phthalate	14.668	149	1252841	43.048	ng	#	98
87) Indeno(1,2,3-cd)pyrene	17.109	276	1322833	48.332	ng	#	90
88) Benzo(b)fluoranthene	15.145	252	1156650	41.673	ng	#	94
89) Benzo(k)fluoranthene	15.174	252	1071449	41.369	ng		99
90) Benzo(a)pyrene	15.521	252	1107526	45.173	ng	#	95
91) Dibenzo(a,h)anthracene	17.127	278	1121999	47.425	ng	#	95
92) Benzo(g,h,i)perylene	17.568	276	1140732	50.007	ng	#	88

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

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