Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090821\
Data File : BF125399.D
Acq On : 8 Sep 2021 13:46
Operator : JU/CG
Sample : SP5667
Misc : 8270/625 SPIKE
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP5667

Manual Integrations APPROVED
mohammad
9/9/2021 11:51:15 AM

Quant Time: Sep 08 14:53:41 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	6.887	152	155632	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	618269	20.000	ng	#	0.00
39) Acenaphthene-d10	9.927	164	335879	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	588970	20.000	ng		0.00
76) Chrysene-d12	14.063	240	346985	20.000	ng	#	0.00
86) Perylene-d12	15.545	264	323897	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	0.000	112	0	0.000	ng		
7) Phenol-d6	0.000	99	0d	0.000	ng		
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng		
42) 2,4,6-Tribromophenol	0.000	330	0	0.000	ng		
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng		
79) Terphenyl-d14	0.000	244	0d	0.000	ng		
Target Compounds							Qvalue
2) 1,4-Dioxane	2.775	88	248411	48.960	ng	#	100
3) Pyridine	3.528	79	540195	40.331	ng	#	91
4) n-Nitrosodimethylamine	3.498	42	310549	46.334	ng	#	31
6) Aniline	6.551	93	624998	40.011	ng	#	94
8) 2-Chlorophenol	6.675	128	522814	49.843	ng		82
9) Benzaldehyde	6.439	77	470084	50.370	ng		93
10) Phenol	6.534	94	735114	52.786	ng		97
11) bis(2-Chloroethyl)ether	6.622	93	539601	49.198	ng		86
12) 1,3-Dichlorobenzene	6.828	146	583548	48.009	ng		99
13) 1,4-Dichlorobenzene	6.904	146	586828	48.453	ng		98
14) 1,2-Dichlorobenzene	7.057	146	564898	49.576	ng		99
15) Benzyl Alcohol	7.034	79	491840	48.037	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	994619	45.219	ng		92
17) 2-Methylphenol	7.145	107	447373	50.772	ng	#	92
18) Hexachloroethane	7.398	117	216393	51.023	ng	#	88
19) n-Nitroso-di-n-propyla...	7.298	70	371613	46.459	ng	#	75
20) 3+4-Methylphenols	7.298	107	498287	45.050	ng	#	67
22) Acetophenone	7.298	105	704170	44.254	ng	#	87
24) Nitrobenzene	7.469	77	627507	46.893	ng	#	87
25) Isophorone	7.710	82	1107825	46.761	ng	#	89
26) 2-Nitrophenol	7.786	139	293473	54.923	ng	#	80
27) 2,4-Dimethylphenol	7.828	122	460698	49.250	ng		90
28) bis(2-Chloroethoxy)met...	7.922	93	684082	52.150	ng	#	97
29) 2,4-Dichlorophenol	8.034	162	461012	48.324	ng		94
30) 1,2,4-Trichlorobenzene	8.110	180	500434	48.105	ng		95
31) Naphthalene	8.192	128	1413127	44.629	ng		99
32) Benzoic acid	7.963	122	303034	47.729	ng		87
33) 4-Chloroaniline	8.239	127	314300	25.179	ng	#	89
34) Hexachlorobutadiene	8.304	225	323516	48.771	ng		99
35) Caprolactam	8.628	113	145346m	58.821	ng		
36) 4-Chloro-3-methylphenol	8.733	107	502065	51.552	ng		93
37) 2-Methylnaphthalene	8.886	142	996234	47.613	ng		98
38) 1-Methylnaphthalene	8.986	142	918769	47.022	ng		95
40) 1,2,4,5-Tetrachloroben...	9.051	216	509082	46.391	ng		97
41) Hexachlorocyclopentadiene	9.039	237	586055	101.650	ng		99
43) 2,4,6-Trichlorophenol	9.163	196	347266	44.943	ng		98

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44) 2,4,5-Trichlorophenol	9.210	196	380713	46.833	ng	#	91
46) 1,1'-Biphenyl	9.351	154	1176058	43.431	ng		98
47) 2-Chloronaphthalene	9.375	162	977511	44.422	ng		97
48) 2-Nitroaniline	9.475	65	346409	50.784	ng		84
49) Acenaphthylene	9.792	152	1428987	44.564	ng		97
50) Dimethylphthalate	9.657	163	1127603	48.445	ng	#	97
51) 2,6-Dinitrotoluene	9.716	165	247962	49.130	ng	#	81
52) Acenaphthene	9.963	154	842285	42.372	ng		98
53) 3-Nitroaniline	9.886	138	161214	29.620	ng	#	82
54) 2,4-Dinitrophenol	9.998	184	251007	125.906	ng	#	81
55) Dibenzofuran	10.139	168	1229819	42.988	ng		98
56) 4-Nitrophenol	10.057	139	369227	85.665	ng	#	78
57) 2,4-Dinitrotoluene	10.122	165	325657	53.312	ng	#	97
58) Fluorene	10.480	166	976236	46.157	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.257	232	294725	48.855	ng	#	83
60) Diethylphthalate	10.351	149	1080592	47.621	ng		98
61) 4-Chlorophenyl-phenyle...	10.469	204	507780	47.484	ng		89
62) 4-Nitroaniline	10.504	138	254277	51.953	ng	#	84
63) Azobenzene	10.627	77	1100397	43.234	ng		91
65) 4,6-Dinitro-2-methylph...	10.527	198	172250	55.258	ng		94
66) n-Nitrosodiphenylamine	10.592	169	941328	44.636	ng		97
67) 4-Bromophenyl-phenylether	10.963	248	350540	49.564	ng	#	86
68) Hexachlorobenzene	11.027	284	378306	51.996	ng	#	83
69) Atrazine	11.116	200	319674	52.825	ng		92
70) Pentachlorophenol	11.222	266	377335	88.821	ng		92
71) Phenanthrene	11.445	178	1451401	44.724	ng		97
72) Anthracene	11.498	178	1476064	46.146	ng		98
73) Carbazole	11.651	167	1247982	42.694	ng		99
74) Di-n-butylphthalate	11.974	149	1605092	46.273	ng		99
75) Fluoranthene	12.633	202	1469820	45.645	ng		97
77) Benzidine	12.757	184	1005109	82.941	ng		97
78) Pyrene	12.863	202	1454185	48.857	ng		95
80) Butylbenzylphthalate	13.474	149	604676	51.702	ng		89
81) Benzo(a)anthracene	14.051	228	1146941	45.876	ng		100
82) 3,3'-Dichlorobenzidine	14.010	252	185821	23.978	ng	#	99
83) Chrysene	14.086	228	1100684	44.518	ng		98
84) Bis(2-ethylhexyl)phtha...	14.033	149	829565	51.608	ng	#	98
85) Di-n-octyl phthalate	14.645	149	1310782	49.029	ng		97
87) Indeno(1,2,3-cd)pyrene	17.056	276	1175190	50.364	ng	#	90
88) Benzo(b)fluoranthene	15.115	252	1109000	46.866	ng	#	95
89) Benzo(k)fluoranthene	15.145	252	1027099	46.514	ng		99
90) Benzo(a)pyrene	15.492	252	1042191	49.859	ng	#	94
91) Dibenzo(a,h)anthracene	17.074	278	999423	49.550	ng	#	93
92) Benzo(g,h,i)perylene	17.515	276	1015288	52.205	ng	#	87

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

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