Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082721\
Data File : BF125248.D
Acq On : 27 Aug 2021 11:20
Operator : JU/CG
Sample : PB138720BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB138720BS

Manual Integrations APPROVED
mohammad
8/30/2021 10:34:18 AM

Quant Time: Aug 27 12:28:29 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	180442	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	669705	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	334290	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	544304	20.000	ng	0.00
76) Chrysene-d12	14.080	240	382003	20.000	ng	# 0.00
86) Perylene-d12	15.574	264	383484	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	1357072	113.835	ng	0.02
7) Phenol-d6	6.545	99	1627931	105.585	ng	0.00
23) Nitrobenzene-d5	7.481	82	1075195	80.826	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	446176	133.708	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	1809923	75.460	ng	0.00
79) Terphenyl-d14	13.021	244	1870425	78.003	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.787	88	220995	37.568	ng	# 100
3) Pyridine	3.546	79	506354	32.606	ng	# 92
4) n-Nitrosodimethylamine	3.499	42	308435	39.691	ng	# 31
6) Aniline	6.575	93	756087	41.748	ng	# 92
8) 2-Chlorophenol	6.698	128	520090	42.766	ng	81
9) Benzaldehyde	6.469	77	402657	37.213	ng	95
10) Phenol	6.557	94	688465	42.639	ng	98
11) bis(2-Chloroethyl)ether	6.651	93	547692	43.070	ng	87
12) 1,3-Dichlorobenzene	6.857	146	592704	42.058	ng	99
13) 1,4-Dichlorobenzene	6.934	146	611446	43.544	ng	98
14) 1,2-Dichlorobenzene	7.087	146	576931	43.671	ng	99
15) Benzyl Alcohol	7.051	79	457406	38.531	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.187	45	1032743	40.496	ng	96
17) 2-Methylphenol	7.163	107	443900	43.451	ng	96
18) Hexachloroethane	7.428	117	214814	43.687	ng	# 87
19) n-Nitroso-di-n-propyla...	7.328	70	377677	40.725	ng	# 75
20) 3+4-Methylphenols	7.316	107	501238	39.086	ng	89
22) Acetophenone	7.322	105	732298	42.487	ng	# 92
24) Nitrobenzene	7.498	77	591027	40.775	ng	90
25) Isophorone	7.734	82	1028594	40.082	ng	# 89
26) 2-Nitrophenol	7.810	139	279964	48.371	ng	# 79
27) 2,4-Dimethylphenol	7.845	122	427772	42.217	ng	89
28) bis(2-Chloroethoxy)met...	7.945	93	634491	44.655	ng	# 97
29) 2,4-Dichlorophenol	8.051	162	422862	40.921	ng	93
30) 1,2,4-Trichlorobenzene	8.139	180	487527	43.265	ng	95
31) Naphthalene	8.222	128	1383725	40.344	ng	99
32) Benzoic acid	7.957	122	290333	42.216	ng	# 82
33) 4-Chloroaniline	8.263	127	444051	32.841	ng	# 90
34) Hexachlorobutadiene	8.334	225	311278	43.322	ng	100
35) Caprolactam	8.628	113	123408m	46.107	ng	
36) 4-Chloro-3-methylphenol	8.739	107	437148	41.439	ng	89
37) 2-Methylnaphthalene	8.910	142	934851	41.248	ng	98
38) 1-Methylnaphthalene	9.010	142	851676	40.241	ng	96
40) 1,2,4,5-Tetrachloroben...	9.075	216	460722	42.184	ng	99
41) Hexachlorocyclopentadiene	9.063	237	548183	95.533	ng	98
43) 2,4,6-Trichlorophenol	9.186	196	311809	40.546	ng	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.222	196	330056	40.795	ng		94
46) 1,1'-Biphenyl	9.375	154	1052915	39.068	ng		98
47) 2-Chloronaphthalene	9.398	162	879748	40.169	ng		97
48) 2-Nitroaniline	9.492	65	294085	43.318	ng	#	84
49) Acenaphthylene	9.816	152	1288546	40.375	ng		98
50) Dimethylphthalate	9.675	163	971418	41.933	ng	#	98
51) 2,6-Dinitrotoluene	9.733	165	213770	42.556	ng	#	84
52) Acenaphthene	9.986	154	778370	39.343	ng		98
53) 3-Nitroaniline	9.904	138	186444	34.418	ng		85
54) 2,4-Dinitrophenol	10.010	184	224509	113.149	ng	#	84
55) Dibenzofuran	10.157	168	1099460	38.614	ng		98
56) 4-Nitrophenol	10.063	139	342005	79.726	ng	#	77
57) 2,4-Dinitrotoluene	10.139	165	278202	45.760	ng	#	91
58) Fluorene	10.504	166	854489	40.593	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.275	232	253980	42.301	ng	#	85
60) Diethylphthalate	10.369	149	944243	41.810	ng		98
61) 4-Chlorophenyl-phenyle...	10.492	204	447528	42.048	ng	#	86
62) 4-Nitroaniline	10.516	138	213126	43.752	ng	#	81
63) Azobenzene	10.651	77	970200	38.300	ng		90
65) 4,6-Dinitro-2-methylph...	10.545	198	142207	49.364	ng		85
66) n-Nitrosodiphenylamine	10.610	169	807902	41.453	ng		97
67) 4-Bromophenyl-phenylether	10.980	248	295002	45.134	ng		95
68) Hexachlorobenzene	11.051	284	305210	45.392	ng	#	82
69) Atrazine	11.133	200	266231	47.604	ng		92
70) Pentachlorophenol	11.245	266	344822	87.828	ng		91
71) Phenanthrene	11.463	178	1236379	41.224	ng		97
72) Anthracene	11.516	178	1263355	42.737	ng		98
73) Carbazole	11.669	167	1079332	39.955	ng		98
74) Di-n-butylphthalate	11.998	149	1410692	44.006	ng		99
75) Fluoranthene	12.651	202	1262281	42.417	ng		97
77) Benzidine	12.774	184	846284	63.433	ng		97
78) Pyrene	12.886	202	1268739	38.719	ng		97
80) Butylbenzylphthalate	13.498	149	562603	43.695	ng	#	95
81) Benzo(a)anthracene	14.068	228	1122466	40.782	ng		99
82) 3,3'-Dichlorobenzidine	14.033	252	368044	43.138	ng	#	98
83) Chrysene	14.110	228	1104342	40.572	ng		98
84) Bis(2-ethylhexyl)phtha...	14.051	149	791817	44.744	ng		100
85) Di-n-octyl phthalate	14.668	149	1324412	44.997	ng		98
87) Indeno(1,2,3-cd)pyrene	17.098	276	1342776	48.604	ng	#	91
88) Benzo(b)fluoranthene	15.133	252	1200781	42.860	ng	#	94
89) Benzo(k)fluoranthene	15.168	252	1068139	40.857	ng		99
90) Benzo(a)pyrene	15.515	252	1113074	44.976	ng	#	96
91) Dibenzo(a,h)anthracene	17.115	278	1126547	47.174	ng	#	95
92) Benzo(g,h,i)perylene	17.556	276	1160921	50.418	ng	#	88

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

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