Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083121\
Data File : BF125282.D
Acq On : 31 Aug 2021 10:47
Operator : JU/CG
Sample : PB138819BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB138819BS

Manual Integrations APPROVED
mohammad
9/1/2021 4:01:42 PM

Quant Time: Aug 31 12:09:48 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	212166	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	817888	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	421701	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	721839	20.000	ng	0.00
76) Chrysene-d12	14.086	240	425113	20.000	ng	# 0.00
86) Perylene-d12	15.586	264	419935	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	1488689	106.204	ng	0.02
7) Phenol-d6	6.557	99	1852571	102.189	ng	0.02
23) Nitrobenzene-d5	7.481	82	1234029	75.959	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	545450	129.576	ng	0.01
45) 2-Fluorobiphenyl	9.275	172	2136165	70.601	ng	0.00
79) Terphenyl-d14	13.027	244	2072787	77.677	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.810	88	229853	33.231	ng	# 100
3) Pyridine	3.569	79	540315	29.591	ng	# 90
4) n-Nitrosodimethylamine	3.528	42	338981	37.099	ng	# 35
6) Aniline	6.581	93	714320	33.544	ng	# 92
8) 2-Chlorophenol	6.704	128	579512	40.527	ng	81
9) Benzaldehyde	6.469	77	366038	28.770	ng	94
10) Phenol	6.569	94	749682	39.488	ng	89
11) bis(2-Chloroethyl)ether	6.651	93	613050	41.001	ng	88
12) 1,3-Dichlorobenzene	6.857	146	648780	39.153	ng	97
13) 1,4-Dichlorobenzene	6.934	146	660759	40.020	ng	97
14) 1,2-Dichlorobenzene	7.087	146	621496	40.010	ng	99
15) Benzyl Alcohol	7.063	79	547268	39.208	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.193	45	1094769	36.510	ng	95
17) 2-Methylphenol	7.175	107	486980	40.541	ng	94
18) Hexachloroethane	7.428	117	232368	40.190	ng	# 85
19) n-Nitroso-di-n-propyla...	7.334	70	415590	38.113	ng	# 75
20) 3+4-Methylphenols	7.322	107	550577	36.514	ng	# 71
22) Acetophenone	7.328	105	787764	37.425	ng	# 88
24) Nitrobenzene	7.498	77	667555	37.710	ng	# 86
25) Isophorone	7.740	82	1156146	36.890	ng	# 91
26) 2-Nitrophenol	7.816	139	318921	45.118	ng	# 80
27) 2,4-Dimethylphenol	7.851	122	498426	40.278	ng	89
28) bis(2-Chloroethoxy)met...	7.945	93	716108	41.268	ng	# 97
29) 2,4-Dichlorophenol	8.057	162	495194	39.238	ng	95
30) 1,2,4-Trichlorobenzene	8.140	180	536592	38.991	ng	94
31) Naphthalene	8.222	128	1538836	36.738	ng	99
32) Benzoic acid	7.975	122	258629	30.793	ng	87
33) 4-Chloroaniline	8.269	127	347771	21.061	ng	# 92
34) Hexachlorobutadiene	8.334	225	338358	38.559	ng	99
35) Caprolactam	8.651	113	149743m	45.810	ng	
36) 4-Chloro-3-methylphenol	8.751	107	528048	40.986	ng	91
37) 2-Methylnaphthalene	8.910	142	1072790	38.758	ng	99
38) 1-Methylnaphthalene	9.010	142	985223	38.117	ng	96
40) 1,2,4,5-Tetrachloroben...	9.081	216	534461	38.792	ng	97
41) Hexachlorocyclopentadiene	9.063	237	595359	82.248	ng	98
43) 2,4,6-Trichlorophenol	9.192	196	369091	38.046	ng	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.234	196	401385	39.327	ng		92
46) 1,1'-Biphenyl	9.375	154	1225080	36.034	ng		98
47) 2-Chloronaphthalene	9.404	162	1024299	37.075	ng		97
48) 2-Nitroaniline	9.498	65	363744	42.473	ng	#	81
49) Acenaphthylene	9.816	152	1513340	37.590	ng		98
50) Dimethylphthalate	9.675	163	1174335	40.185	ng	#	97
51) 2,6-Dinitrotoluene	9.739	165	257698	40.668	ng	#	86
52) Acenaphthene	9.992	154	893842	35.814	ng		98
53) 3-Nitroaniline	9.910	138	178111	26.064	ng	#	76
54) 2,4-Dinitrophenol	10.016	184	253965	101.464	ng	#	84
55) Dibenzofuran	10.163	168	1306508	36.375	ng		98
56) 4-Nitrophenol	10.081	139	393692	72.752	ng	#	81
57) 2,4-Dinitrotoluene	10.145	165	337040	43.947	ng	#	97
58) Fluorene	10.504	166	1027274	38.685	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.281	232	296291	39.119	ng	#	85
60) Diethylphthalate	10.375	149	1116623	39.194	ng		98
61) 4-Chlorophenyl-phenyle...	10.492	204	523677	39.004	ng		91
62) 4-Nitroaniline	10.528	138	256168	41.688	ng	#	82
63) Azobenzene	10.657	77	1155438	36.158	ng		91
65) 4,6-Dinitro-2-methylph...	10.551	198	170832	44.715	ng		89
66) n-Nitrosodiphenylamine	10.616	169	980632	37.941	ng		97
67) 4-Bromophenyl-phenylether	10.986	248	352237	40.636	ng		90
68) Hexachlorobenzene	11.051	284	379946	42.609	ng	#	84
69) Atrazine	11.139	200	319437	43.070	ng		91
70) Pentachlorophenol	11.251	266	369362	70.940	ng		90
71) Phenanthrene	11.469	178	1488510	37.424	ng		97
72) Anthracene	11.522	178	1522635	38.839	ng		98
73) Carbazole	11.675	167	1297078	36.206	ng		100
74) Di-n-butylphthalate	11.998	149	1586794	37.325	ng		99
75) Fluoranthene	12.657	202	1470091	37.250	ng		98
77) Benzidine	12.775	184	533936	35.963	ng		98
78) Pyrene	12.886	202	1443335	39.580	ng		97
80) Butylbenzylphthalate	13.498	149	562051	39.225	ng		91
81) Benzo(a)anthracene	14.074	228	1171901	38.260	ng		100
82) 3,3'-Dichlorobenzidine	14.033	252	311642	32.823	ng		97
83) Chrysene	14.110	228	1146593	37.852	ng		98
84) Bis(2-ethylhexyl)phtha...	14.051	149	751870	38.178	ng		99
85) Di-n-octyl phthalate	14.669	149	1186679	36.229	ng	#	98
87) Indeno(1,2,3-cd)pyrene	17.115	276	1412386	46.686	ng	#	90
88) Benzo(b)fluoranthene	15.139	252	1217772	39.693	ng	#	95
89) Benzo(k)fluoranthene	15.174	252	1100745	38.449	ng		99
90) Benzo(a)pyrene	15.521	252	1162055	42.880	ng	#	96
91) Dibenzo(a,h)anthracene	17.127	278	1195674	45.722	ng	#	92
92) Benzo(g,h,i)perylene	17.574	276	1230462	48.799	ng	#	87

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

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