Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090721\
Data File : BF125382.D
Acq On : 7 Sep 2021 11:56
Operator : JU/CG
Sample : PB138926BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB138926BS

Manual Integrations APPROVED
mohammad
9/9/2021 11:50:31 AM

Quant Time: Sep 07 12:57:46 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 03 11:56:34 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	168369	20.000	ng	0.00
21) Naphthalene-d8	8.180	136	641781	20.000	ng	# 0.00
39) Acenaphthene-d10	9.939	164	320574	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	522818	20.000	ng	0.00
76) Chrysene-d12	14.068	240	321747	20.000	ng	# 0.00
86) Perylene-d12	15.556	264	358722	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1095932	98.522	ng	0.01
7) Phenol-d6	6.539	99	1341042	93.215	ng	0.00
23) Nitrobenzene-d5	7.463	82	915436	71.811	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	381602	119.249	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1540286	66.966	ng	0.00
79) Terphenyl-d14	13.010	244	1432095	70.908	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.757	88	175298	31.936	ng	# 100
3) Pyridine	3.528	79	414336	28.594	ng	# 91
4) n-Nitrosodimethylamine	3.481	42	253726	34.992	ng	# 34
6) Aniline	6.563	93	609329	36.057	ng	# 92
8) 2-Chlorophenol	6.686	128	430026	37.895	ng	81
9) Benzaldehyde	6.451	77	311774	30.880	ng	94
10) Phenol	6.551	94	561091	37.242	ng	92
11) bis(2-Chloroethyl)ether	6.633	93	458315	38.626	ng	85
12) 1,3-Dichlorobenzene	6.839	146	490136	37.273	ng	97
13) 1,4-Dichlorobenzene	6.916	146	495131	37.789	ng	98
14) 1,2-Dichlorobenzene	7.069	146	469320	38.072	ng	98
15) Benzyl Alcohol	7.045	79	396542	35.799	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	837121	35.179	ng	94
17) 2-Methylphenol	7.151	107	356085	37.355	ng	95
18) Hexachloroethane	7.410	117	175832	38.323	ng	# 86
19) n-Nitroso-di-n-propyla...	7.310	70	299860	34.653	ng	# 77
20) 3+4-Methylphenols	7.304	107	397367	33.208	ng	# 73
22) Acetophenone	7.310	105	582028	35.238	ng	# 89
24) Nitrobenzene	7.481	77	492915	35.486	ng	# 88
25) Isophorone	7.722	82	854036	34.728	ng	# 89
26) 2-Nitrophenol	7.798	139	230753	41.603	ng	# 81
27) 2,4-Dimethylphenol	7.833	122	360987	37.176	ng	89
28) bis(2-Chloroethoxy)met...	7.928	93	531816	39.057	ng	# 96
29) 2,4-Dichlorophenol	8.039	162	355028	35.851	ng	96
30) 1,2,4-Trichlorobenzene	8.122	180	405888	37.587	ng	96
31) Naphthalene	8.204	128	1154347	35.121	ng	99
32) Benzoic acid	7.957	122	205254	31.144	ng	86
33) 4-Chloroaniline	8.251	127	358596	27.675	ng	# 89
34) Hexachlorobutadiene	8.316	225	256594	37.265	ng	99
35) Caprolactam	8.627	113	102486m	39.956	ng	
36) 4-Chloro-3-methylphenol	8.733	107	375344	37.128	ng	90
37) 2-Methylnaphthalene	8.898	142	789041	36.329	ng	96
38) 1-Methylnaphthalene	8.992	142	717988	35.400	ng	95
40) 1,2,4,5-Tetrachloroben...	9.063	216	399537	38.147	ng	98
41) Hexachlorocyclopentadiene	9.045	237	432249	78.552	ng	97
43) 2,4,6-Trichlorophenol	9.175	196	260472	35.320	ng	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	280293	36.126	ng		94
46) 1,1'-Biphenyl	9.357	154	896185	34.676	ng		98
47) 2-Chloronaphthalene	9.386	162	742693	35.362	ng		98
48) 2-Nitroaniline	9.480	65	256045	39.329	ng	#	80
49) Acenaphthylene	9.804	152	1092588	35.700	ng		99
50) Dimethylphthalate	9.657	163	828885	37.311	ng	#	98
51) 2,6-Dinitrotoluene	9.722	165	183265	38.045	ng	#	81
52) Acenaphthene	9.974	154	640729	33.771	ng		98
53) 3-Nitroaniline	9.892	138	151259	29.117	ng	#	75
54) 2,4-Dinitrophenol	10.004	184	173004	90.922	ng	#	78
55) Dibenzofuran	10.145	168	932634	34.157	ng		98
56) 4-Nitrophenol	10.063	139	248283	60.354	ng	#	80
57) 2,4-Dinitrotoluene	10.127	165	231935	39.782	ng	#	99
58) Fluorene	10.486	166	727619	36.044	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	213699	37.115	ng	#	82
60) Diethylphthalate	10.357	149	781787	36.098	ng		98
61) 4-Chlorophenyl-phenyle...	10.474	204	377601	36.996	ng		89
62) 4-Nitroaniline	10.510	138	176883	37.866	ng	#	82
63) Azobenzene	10.639	77	823752	33.910	ng		91
65) 4,6-Dinitro-2-methylph...	10.533	198	114500	41.379	ng		94
66) n-Nitrosodiphenylamine	10.598	169	686150	36.653	ng		96
67) 4-Bromophenyl-phenylether	10.969	248	250668	39.927	ng	#	89
68) Hexachlorobenzene	11.033	284	269453	41.721	ng	#	87
69) Atrazine	11.121	200	219186	40.803	ng		92
70) Pentachlorophenol	11.233	266	244524	64.841	ng		90
71) Phenanthrene	11.451	178	1023549	35.531	ng		97
72) Anthracene	11.504	178	1064389	37.486	ng		99
73) Carbazole	11.657	167	880552	33.936	ng		99
74) Di-n-butylphthalate	11.980	149	1091446	35.446	ng		100
75) Fluoranthene	12.639	202	1005696	35.184	ng		99
77) Benzidine	12.763	184	600906	53.476	ng		97
78) Pyrene	12.868	202	1007836	36.516	ng		96
80) Butylbenzylphthalate	13.480	149	398548	36.750	ng		93
81) Benzo(a)anthracene	14.057	228	861700	37.171	ng		100
82) 3,3'-Dichlorobenzidine	14.015	252	260761	36.287	ng		99
83) Chrysene	14.092	228	837732	36.541	ng		98
84) Bis(2-ethylhexyl)phtha...	14.033	149	537969	36.092	ng		100
85) Di-n-octyl phthalate	14.651	149	897354	36.198	ng		97
87) Indeno(1,2,3-cd)pyrene	17.074	276	1157431	44.787	ng	#	89
88) Benzo(b)fluoranthene	15.121	252	927223	35.380	ng	#	93
89) Benzo(k)fluoranthene	15.151	252	884476	36.167	ng		99
90) Benzo(a)pyrene	15.498	252	922054	39.830	ng	#	96
91) Dibenzo(a,h)anthracene	17.092	278	967028	43.289	ng	#	93
92) Benzo(g,h,i)perylene	17.533	276	1000600	46.455	ng	#	88

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

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