Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081021\
Data File : BF125028.D
Acq On : 10 Aug 2021 12:55
Operator : JU/CG
Sample : PB138288BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB138288BS

Manual Integrations APPROVED
mohammad
8/11/2021 9:30:28 PM

Quant Time: Aug 10 14:06:54 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 10 11:32:36 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	6347	20.000	ng	# 0.00
21) Naphthalene-d8	8.098	136	26160	20.000	ng	0.00
39) Acenaphthene-d10	9.851	164	13926	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	24483	20.000	ng	0.00
76) Chrysene-d12	13.974	240	16034	20.000	ng	# 0.00
86) Perylene-d12	15.421	264	12904	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	47092	121.541	ng	0.01
7) Phenol-d6	6.457	99	58121	118.964	ng	0.00
23) Nitrobenzene-d5	7.381	82	32781	65.553	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	14910	119.841	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	64868	68.158	ng	0.00
79) Terphenyl-d14	12.915	244	64904	68.281	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.663	88	7217	49.788	ng	# 100
3) Pyridine	3.404	79	15014	44.575	ng	# 90
4) n-Nitrosodimethylamine	3.357	42	12767	53.376	ng	# 88
6) Aniline	6.481	93	19389	37.570	ng	# 93
8) 2-Chlorophenol	6.604	128	19811	46.613	ng	90
9) Benzaldehyde	6.363	77	9047	34.037	ng	98
10) Phenol	6.469	94	23909	47.429	ng	82
11) bis(2-Chloroethyl)ether	6.551	93	19178	50.713	ng	94
12) 1,3-Dichlorobenzene	6.751	146	22556	48.760	ng	96
13) 1,4-Dichlorobenzene	6.828	146	23531	50.885	ng	94
14) 1,2-Dichlorobenzene	6.981	146	21759	50.208	ng	94
15) Benzyl Alcohol	6.963	79	16373	46.460	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.086	45	31547	52.069	ng	89
17) 2-Methylphenol	7.075	107	16141	50.736	ng	# 95
18) Hexachloroethane	7.322	117	9617	53.118	ng	93
19) n-Nitroso-di-n-propyla...	7.228	70	14861	51.264	ng	93
20) 3+4-Methylphenols	7.228	107	20732	49.090	ng	# 79
22) Acetophenone	7.222	105	29906	46.679	ng	# 90
24) Nitrobenzene	7.398	77	21572	44.581	ng	92
25) Isophorone	7.639	82	37667	44.133	ng	# 91
26) 2-Nitrophenol	7.716	139	10712	43.594	ng	# 88
27) 2,4-Dimethylphenol	7.751	122	17435	50.054	ng	90
28) bis(2-Chloroethoxy)met...	7.845	93	24482	50.399	ng	99
29) 2,4-Dichlorophenol	7.957	162	16778	43.234	ng	93
30) 1,2,4-Trichlorobenzene	8.039	180	19261	44.288	ng	95
31) Naphthalene	8.116	128	60632	45.111	ng	98
32) Benzoic acid	7.892	122	9799	47.549	ng	92
33) 4-Chloroaniline	8.169	127	12265	24.487	ng	# 95
34) Hexachlorobutadiene	8.233	225	11835	45.569	ng	98
35) Caprolactam	8.545	113	4568m	44.326	ng	
36) 4-Chloro-3-methylphenol	8.657	107	18001	44.343	ng	93
37) 2-Methylnaphthalene	8.810	142	41641	46.080	ng	99
38) 1-Methylnaphthalene	8.910	142	38229	45.211	ng	96
40) 1,2,4,5-Tetrachloroben...	8.975	216	19277	48.226	ng	96
41) Hexachlorocyclopentadiene	8.957	237	17724	114.062	ng	98
43) 2,4,6-Trichlorophenol	9.086	196	12175	45.754	ng	94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	12411	46.075	ng		99
46) 1,1'-Biphenyl	9.275	154	48830	47.053	ng		98
47) 2-Chloronaphthalene	9.298	162	38374	46.479	ng		98
48) 2-Nitroaniline	9.398	65	11362	46.848	ng		93
49) Acenaphthylene	9.716	152	58565	46.698	ng		99
50) Dimethylphthalate	9.575	163	46140	48.892	ng		99
51) 2,6-Dinitrotoluene	9.639	165	9725	46.279	ng		88
52) Acenaphthene	9.886	154	35626	46.858	ng		99
53) 3-Nitroaniline	9.810	138	6513	29.426	ng	#	78
54) 2,4-Dinitrophenol	9.922	184	8661	81.193	ng		91
55) Dibenzofuran	10.057	168	53896	45.359	ng		98
56) 4-Nitrophenol	9.980	139	13050	89.445	ng	#	85
57) 2,4-Dinitrotoluene	10.045	165	13546	47.479	ng	#	96
58) Fluorene	10.398	166	43113	47.321	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.174	232	10118	50.064	ng	#	87
60) Diethylphthalate	10.274	149	46184	47.688	ng		100
61) 4-Chlorophenyl-phenyle...	10.392	204	20403	47.422	ng		93
62) 4-Nitroaniline	10.427	138	9179	42.715	ng		95
63) Azobenzene	10.551	77	43463	45.893	ng		92
65) 4,6-Dinitro-2-methylph...	10.457	198	5969	38.916	ng	#	77
66) n-Nitrosodiphenylamine	10.510	169	35402	44.614	ng		96
67) 4-Bromophenyl-phenylether	10.880	248	12299	45.864	ng		87
68) Hexachlorobenzene	10.945	284	14014	48.036	ng		94
69) Atrazine	11.039	200	11499	48.225	ng		95
70) Pentachlorophenol	11.145	266	11846	85.638	ng		92
71) Phenanthrene	11.363	178	60699	45.704	ng		99
72) Anthracene	11.416	178	62766	47.110	ng		100
73) Carbazole	11.568	167	52346	42.843	ng		99
74) Di-n-butylphthalate	11.892	149	73596	47.395	ng		99
75) Fluoranthene	12.545	202	61601	44.835	ng		98
77) Benzidine	12.668	184	16428	38.292	ng		97
78) Pyrene	12.774	202	61993	49.086	ng		99
80) Butylbenzylphthalate	13.386	149	27968	49.762	ng	#	86
81) Benzo(a)anthracene	13.962	228	46993	44.974	ng		98
82) 3,3'-Dichlorobenzidine	13.921	252	14199	51.544	ng		96
83) Chrysene	13.998	228	45992	45.532	ng		98
84) Bis(2-ethylhexyl)phtha...	13.945	149	40377	51.787	ng		98
85) Di-n-octyl phthalate	14.551	149	63191	51.373	ng		98
87) Indeno(1,2,3-cd)pyrene	16.868	276	39809	51.805	ng		93
88) Benzo(b)fluoranthene	14.998	252	41025	45.278	ng	#	95
89) Benzo(k)fluoranthene	15.027	252	37478	45.470	ng		99
90) Benzo(a)pyrene	15.362	252	36646	47.496	ng		98
91) Dibenzo(a,h)anthracene	16.880	278	34214	50.639	ng	#	95
92) Benzo(g,h,i)perylene	17.303	276	33585	51.821	ng	#	91

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

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