Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072121\
Data File : BF124663.D
Acq On : 21 Jul 2021 15:46
Operator : JU/CG
Sample : PB137822BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB137822BS

Manual Integrations APPROVED
mohammad
7/22/2021 1:28:52 PM

Quant Time: Jul 21 17:21:58 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 21 16:08:04 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	7236	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	28603	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	15608	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	27428	20.000	ng	0.00
76) Chrysene-d12	14.063	240	17422	20.000	ng	# 0.00
86) Perylene-d12	15.539	264	14033	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	63270	151.492	ng	0.02
7) Phenol-d6	6.528	99	72894	143.474	ng	0.00
23) Nitrobenzene-d5	7.457	82	44259	97.680	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	19263	158.596	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	98970	92.467	ng	0.00
79) Terphenyl-d14	13.010	244	106210	102.370	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.804	88	6061	43.447	ng	# 100
3) Pyridine	3.546	79	13749	39.242	ng	92
4) n-Nitrosodimethylamine	3.504	42	14597	51.258	ng	# 99
6) Aniline	6.557	93	28392	53.037	ng	98
8) 2-Chlorophenol	6.681	128	24222	51.732	ng	97
9) Benzaldehyde	6.445	77	13659	45.825	ng	96
10) Phenol	6.540	94	27587	55.615	ng	98
11) bis(2-Chloroethyl)ether	6.628	93	21276	55.325	ng	96
12) 1,3-Dichlorobenzene	6.834	146	26236	51.195	ng	98
13) 1,4-Dichlorobenzene	6.910	146	26460	50.551	ng	96
14) 1,2-Dichlorobenzene	7.063	146	25428	51.118	ng	98
15) Benzyl Alcohol	7.034	79	17556	49.939	ng	92
16) 2,2'-oxybis(1-Chloropr...	7.169	45	36018	54.340	ng	95
17) 2-Methylphenol	7.140	107	18093	52.792	ng	98
18) Hexachloroethane	7.404	117	10381	52.666	ng	96
19) n-Nitroso-di-n-propyla...	7.310	70	14827	51.907	ng	# 94
20) 3+4-Methylphenols	7.298	107	23671	52.459	ng	92
22) Acetophenone	7.310	105	33443	51.519	ng	99
24) Nitrobenzene	7.475	77	22321	49.681	ng	96
25) Isophorone	7.722	82	39751	47.790	ng	96
26) 2-Nitrophenol	7.792	139	12474	51.469	ng	89
27) 2,4-Dimethylphenol	7.828	122	21989	54.754	ng	91
28) bis(2-Chloroethoxy)met...	7.928	93	26006	53.599	ng	96
29) 2,4-Dichlorophenol	8.028	162	20008	48.301	ng	94
30) 1,2,4-Trichlorobenzene	8.116	180	21953	47.889	ng	94
31) Naphthalene	8.198	128	71606	48.402	ng	98
32) Benzoic acid	7.951	122	16218	52.599	ng	99
33) 4-Chloroaniline	8.245	127	20280	36.276	ng	97
34) Hexachlorobutadiene	8.310	225	12891	49.820	ng	98
35) Caprolactam	8.628	113	6740m	64.328	ng	
36) 4-Chloro-3-methylphenol	8.728	107	20901	51.025	ng	95
37) 2-Methylnaphthalene	8.892	142	48209	48.292	ng	99
38) 1-Methylnaphthalene	8.992	142	44994	47.991	ng	95
40) 1,2,4,5-Tetrachloroben...	9.057	216	21521	51.698	ng	97
41) Hexachlorocyclopentadiene	9.045	237	33008	126.934	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	15485	51.525	ng	93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	15667	50.546	ng		97
46) 1,1'-Biphenyl	9.357	154	56862	47.968	ng		99
47) 2-Chloronaphthalene	9.381	162	45314	48.756	ng		98
48) 2-Nitroaniline	9.475	65	12231	54.725	ng		97
49) Acenaphthylene	9.798	152	72143	49.741	ng		99
50) Dimethylphthalate	9.663	163	55137	50.775	ng	#	98
51) 2,6-Dinitrotoluene	9.722	165	11866	55.429	ng		92
52) Acenaphthene	9.969	154	44554	48.042	ng		98
53) 3-Nitroaniline	9.886	138	8987	37.621	ng		89
54) 2,4-Dinitrophenol	9.992	184	13542	121.230	ng		92
55) Dibenzofuran	10.145	168	67126	49.229	ng		94
56) 4-Nitrophenol	10.051	139	21436	107.815	ng		100
57) 2,4-Dinitrotoluene	10.122	165	16055	54.781	ng	#	97
58) Fluorene	10.486	166	50873	48.235	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.257	232	12426	51.909	ng	#	98
60) Diethylphthalate	10.357	149	58061	51.136	ng		99
61) 4-Chlorophenyl-phenyle...	10.475	204	24318	50.797	ng		93
62) 4-Nitroaniline	10.510	138	12796	53.149	ng		84
63) Azobenzene	10.633	77	47661	48.022	ng		97
65) 4,6-Dinitro-2-methylph...	10.533	198	8278	52.833	ng	#	76
66) n-Nitrosodiphenylamine	10.598	169	44551	49.884	ng		97
67) 4-Bromophenyl-phenylether	10.963	248	14639	51.616	ng	#	87
68) Hexachlorobenzene	11.033	284	15268	52.543	ng	#	87
69) Atrazine	11.122	200	14570	53.268	ng		94
70) Pentachlorophenol	11.222	266	19283	104.912	ng		94
71) Phenanthrene	11.451	178	73045	48.814	ng		99
72) Anthracene	11.498	178	76855	51.196	ng		100
73) Carbazole	11.651	167	66808	48.163	ng		100
74) Di-n-butylphthalate	11.980	149	94058	50.336	ng		99
75) Fluoranthene	12.633	202	74512	49.354	ng		97
77) Benzidine	12.757	184	51014	78.326	ng		96
78) Pyrene	12.869	202	74021	51.138	ng		98
80) Butylbenzylphthalate	13.480	149	34964	49.958	ng		98
81) Benzo(a)anthracene	14.051	228	57319	49.608	ng		99
82) 3,3'-Dichlorobenzidine	14.010	252	14705	48.587	ng		99
83) Chrysene	14.092	228	56743	51.265	ng		99
84) Bis(2-ethylhexyl)phtha...	14.033	149	50692	53.949	ng		96
85) Di-n-octyl phthalate	14.651	149	74716	54.952	ng		100
87) Indeno(1,2,3-cd)pyrene	17.039	276	54172	66.562	ng		97
88) Benzo(b)fluoranthene	15.104	252	49848	49.489	ng		97
89) Benzo(k)fluoranthene	15.139	252	43817	47.412	ng		98
90) Benzo(a)pyrene	15.480	252	44040	52.968	ng		97
91) Dibenzo(a,h)anthracene	17.057	278	46211	66.708	ng		98
92) Benzo(g,h,i)perylene	17.498	276	47086	69.619	ng		94

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

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