Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061721\
Data File : BF124356.D
Acq On : 17 Jun 2021 10:45
Operator : JU/CG
Sample : PB137159BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB137159BS

Manual Integrations APPROVED
mohammad
6/18/2021 1:02:07 PM

Quant Time: Jun 17 11:34:26 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 15 20:09:26 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	43059	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	168332	20.000	ng	# 0.00
39) Acenaphthene-d10	9.827	164	96701	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	178782	20.000	ng	# 0.00
76) Chrysene-d12	13.962	240	108664	20.000	ng	# 0.00
86) Perylene-d12	15.415	264	88478	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	354708	124.006	ng	0.01
7) Phenol-d6	6.445	99	438976	114.173	ng	0.00
23) Nitrobenzene-d5	7.357	82	334778	78.878	ng	0.00
42) 2,4,6-Tribromophenol	10.621	330	152775	111.513	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	629707	81.944	ng	0.00
79) Terphenyl-d14	12.904	244	632078	79.862	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.581	88	41100	32.833	ng	# 88
3) Pyridine	3.340	79	85413	26.642	ng	90
4) n-Nitrosodimethylamine	3.281	42	67930	35.660	ng	93
6) Aniline	6.451	93	130282m	29.667	ng	
8) 2-Chlorophenol	6.581	128	134288	42.191	ng	95
9) Benzaldehyde	6.339	77	70288	41.127	ng	97
10) Phenol	6.457	94	166666	40.111	ng	# 73
11) bis(2-Chloroethyl)ether	6.522	93	135124	44.608	ng	96
12) 1,3-Dichlorobenzene	6.728	146	152186	40.901	ng	92
13) 1,4-Dichlorobenzene	6.804	146	152417	40.838	ng	96
14) 1,2-Dichlorobenzene	6.957	146	149259	41.805	ng	96
15) Benzyl Alcohol	6.939	79	130370	37.613	ng	90
16) 2,2'-oxybis(1-Chloropr...	7.063	45	169433	35.855	ng	# 1
17) 2-Methylphenol	7.057	107	109490	42.317	ng	# 83
18) Hexachloroethane	7.292	117	60548	41.195	ng	87
19) n-Nitroso-di-n-propyla...	7.210	70	107085	39.454	ng	# 81
20) 3+4-Methylphenols	7.210	107	141904	41.392	ng	# 84
22) Acetophenone	7.198	105	195628	40.767	ng	# 90
24) Nitrobenzene	7.375	77	161970	38.041	ng	93
25) Isophorone	7.616	82	272344	35.609	ng	98
26) 2-Nitrophenol	7.692	139	75430	39.659	ng	88
27) 2,4-Dimethylphenol	7.733	122	115739	43.154	ng	96
28) bis(2-Chloroethoxy)met...	7.822	93	162492	42.855	ng	96
29) 2,4-Dichlorophenol	7.939	162	125307	40.378	ng	92
30) 1,2,4-Trichlorobenzene	8.010	180	133285	38.324	ng	94
31) Naphthalene	8.092	128	380965	37.854	ng	100
32) Benzoic acid	7.898	122	63721	38.720	ng	94
33) 4-Chloroaniline	8.151	127	56700m	15.147	ng	
34) Hexachlorobutadiene	8.210	225	86979	35.407	ng	96
35) Caprolactam	8.533	113	34469m	40.430	ng	
36) 4-Chloro-3-methylphenol	8.651	107	128389	37.814	ng	# 84
37) 2-Methylnaphthalene	8.786	142	272931	38.672	ng	97
38) 1-Methylnaphthalene	8.886	142	252386	38.268	ng	99
40) 1,2,4,5-Tetrachloroben...	8.951	216	149298	43.576	ng	95
41) Hexachlorocyclopentadiene	8.939	237	109904	61.151	ng	94
43) 2,4,6-Trichlorophenol	9.075	196	88790	39.735	ng	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	92796	38.685	ng	#	91
46) 1,1'-Biphenyl	9.251	154	349137	42.770	ng		99
47) 2-Chloronaphthalene	9.275	162	267728	40.294	ng		98
48) 2-Nitroaniline	9.380	65	96831	40.383	ng		98
49) Acenaphthylene	9.692	152	399928	41.408	ng		98
50) Dimethylphthalate	9.557	163	328450	41.053	ng		98
51) 2,6-Dinitrotoluene	9.622	165	73997	40.338	ng	#	84
52) Acenaphthene	9.863	154	247859	39.292	ng		96
53) 3-Nitroaniline	9.792	138	47778	27.828	ng		97
54) 2,4-Dinitrophenol	9.910	184	57226	61.849	ng		87
55) Dibenzofuran	10.033	168	399554	40.470	ng		99
56) 4-Nitrophenol	9.980	139	79356	64.676	ng		88
57) 2,4-Dinitrotoluene	10.033	165	100029	41.346	ng	#	88
58) Fluorene	10.380	166	302126	39.866	ng		92
59) 2,3,4,6-Tetrachlorophenol	10.163	232	73271	37.693	ng		97
60) Diethylphthalate	10.257	149	325830	40.354	ng		97
61) 4-Chlorophenyl-phenyle...	10.369	204	153610	39.642	ng		99
62) 4-Nitroaniline	10.416	138	53639	31.072	ng	#	79
63) Azobenzene	10.527	77	314038	37.312	ng		97
65) 4,6-Dinitro-2-methylph...	10.445	198	45637	31.764	ng	#	54
66) n-Nitrosodiphenylamine	10.492	169	274021	40.339	ng		98
67) 4-Bromophenyl-phenylether	10.857	248	96605	39.368	ng		93
68) Hexachlorobenzene	10.927	284	105319	37.893	ng		96
69) Atrazine	11.021	200	90050	46.830	ng		97
70) Pentachlorophenol	11.127	266	58927	42.551	ng		95
71) Phenanthrene	11.345	178	446307	39.962	ng		99
72) Anthracene	11.392	178	458507	40.765	ng		98
73) Carbazole	11.551	167	371369	37.889	ng		96
74) Di-n-butylphthalate	11.874	149	481423	38.219	ng		100
75) Fluoranthene	12.533	202	434191	37.038	ng		97
77) Benzidine	12.651	184	125980	49.597	ng	#	92
78) Pyrene	12.763	202	431428	41.346	ng		98
80) Butylbenzylphthalate	13.374	149	163861	38.711	ng		94
81) Benzo(a)anthracene	13.951	228	302222	38.178	ng		97
82) 3,3'-Dichlorobenzidine	13.910	252	72288	31.127	ng	#	98
83) Chrysene	13.986	228	290498	38.036	ng		99
84) Bis(2-ethylhexyl)phtha...	13.933	149	197795	39.283	ng		95
85) Di-n-octyl phthalate	14.545	149	301289	44.836	ng	#	89
87) Indeno(1,2,3-cd)pyrene	16.880	276	295065	40.785	ng		99
88) Benzo(b)fluoranthene	14.998	252	270710	39.387	ng		96
89) Benzo(k)fluoranthene	15.027	252	256196	39.375	ng		98
90) Benzo(a)pyrene	15.356	252	254380	42.611	ng		98
91) Dibenzo(a,h)anthracene	16.886	278	241515	39.264	ng		97
92) Benzo(g,h,i)perylene	17.315	276	248578	40.709	ng		99

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

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