Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061821\
Data File : BF124373.D
Acq On : 18 Jun 2021 14:38
Operator : JU/CG
Sample : PB137196BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB137196BS

Manual Integrations APPROVED
mohammad
6/21/2021 11:38:24 AM

Quant Time: Jun 18 15:36:16 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	6.787	152	42683	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	169000	20.000	ng	# 0.00
39) Acenaphthene-d10	9.828	164	95829	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	166786	20.000	ng	# 0.00
76) Chrysene-d12	13.963	240	102706	20.000	ng	0.00
86) Perylene-d12	15.421	264	86702	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	336392	118.639	ng	0.01
7) Phenol-d6	6.445	99	412353	108.193	ng	0.00
23) Nitrobenzene-d5	7.357	82	322751	75.744	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	135603	99.880	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	612266	80.399	ng	0.00
79) Terphenyl-d14	12.904	244	545836	72.966	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.575	88	41878	33.749	ng	# 85
3) Pyridine	3.316	79	97860	30.793	ng	# 77
4) n-Nitrosodimethylamine	3.275	42	66102	35.006	ng	94
6) Aniline	6.451	93	130464m	29.970	ng	
8) 2-Chlorophenol	6.581	128	135183	42.846	ng	94
9) Benzaldehyde	6.334	77	29212	17.243	ng	86
10) Phenol	6.457	94	166422	40.405	ng	# 77
11) bis(2-Chloroethyl)ether	6.522	93	127765	42.551	ng	92
12) 1,3-Dichlorobenzene	6.728	146	153846	41.711	ng	# 92
13) 1,4-Dichlorobenzene	6.804	146	161011	43.521	ng	94
14) 1,2-Dichlorobenzene	6.957	146	150854	42.624	ng	97
15) Benzyl Alcohol	6.940	79	126633	36.857	ng	# 87
16) 2,2'-oxybis(1-Chloropr...	7.069	45	171462	36.604	ng	# 48
17) 2-Methylphenol	7.057	107	107622	41.962	ng	# 84
18) Hexachloroethane	7.298	117	60696	41.660	ng	# 83
19) n-Nitroso-di-n-propyla...	7.210	70	105814	39.329	ng	# 84
20) 3+4-Methylphenols	7.210	107	140523	41.350	ng	85
22) Acetophenone	7.204	105	201006	41.722	ng	95
24) Nitrobenzene	7.381	77	161167	37.703	ng	96
25) Isophorone	7.616	82	271716	35.386	ng	97
26) 2-Nitrophenol	7.692	139	75831	39.712	ng	96
27) 2,4-Dimethylphenol	7.734	122	116215	43.161	ng	97
28) bis(2-Chloroethoxy)met...	7.822	93	156988	41.240	ng	99
29) 2,4-Dichlorophenol	7.940	162	125860	40.396	ng	89
30) 1,2,4-Trichlorobenzene	8.016	180	136348	39.050	ng	95
31) Naphthalene	8.092	128	384278	38.032	ng	98
32) Benzoic acid	7.892	122	63749	38.584	ng	91
33) 4-Chloroaniline	8.145	127	38122	10.144	ng	98
34) Hexachlorobutadiene	8.210	225	91215	36.984	ng	93
35) Caprolactam	8.534	113	33596m	39.250	ng	
36) 4-Chloro-3-methylphenol	8.651	107	126598	37.139	ng	90
37) 2-Methylnaphthalene	8.787	142	277494	39.163	ng	97
38) 1-Methylnaphthalene	8.886	142	256762	38.778	ng	99
40) 1,2,4,5-Tetrachloroben...	8.957	216	146005	43.003	ng	# 97
41) Hexachlorocyclopentadiene	8.939	237	104224	58.850	ng	96
43) 2,4,6-Trichlorophenol	9.075	196	86542	39.082	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	88740	37.330	ng		94
46) 1,1'-Biphenyl	9.251	154	354844	43.865	ng		98
47) 2-Chloronaphthalene	9.281	162	267579	40.638	ng		94
48) 2-Nitroaniline	9.381	65	90567	38.114	ng		94
49) Acenaphthylene	9.692	152	390655	40.816	ng		97
50) Dimethylphthalate	9.557	163	327986	41.369	ng		98
51) 2,6-Dinitrotoluene	9.622	165	72886	40.094	ng		86
52) Acenaphthene	9.863	154	249950	39.984	ng		98
53) 3-Nitroaniline	9.792	138	35227	20.705	ng		95
54) 2,4-Dinitrophenol	9.910	184	56186	61.310	ng	#	90
55) Dibenzofuran	10.039	168	382929	39.139	ng		98
56) 4-Nitrophenol	9.981	139	71563	58.855	ng		99
57) 2,4-Dinitrotoluene	10.033	165	97223	40.552	ng	#	86
58) Fluorene	10.381	166	306483	40.809	ng		93
59) 2,3,4,6-Tetrachlorophenol	10.163	232	74506	38.677	ng	#	89
60) Diethylphthalate	10.257	149	321633	40.197	ng		94
61) 4-Chlorophenyl-phenyle...	10.369	204	153618	40.004	ng		97
62) 4-Nitroaniline	10.416	138	53914	31.516	ng		88
63) Azobenzene	10.528	77	303608	36.401	ng		98
65) 4,6-Dinitro-2-methylph...	10.445	198	41730	31.134	ng	#	68
66) n-Nitrosodiphenylamine	10.492	169	264085	41.673	ng		96
67) 4-Bromophenyl-phenylether	10.857	248	89993	39.311	ng	#	87
68) Hexachlorobenzene	10.928	284	102052	39.358	ng		95
69) Atrazine	11.022	200	89267	49.762	ng		92
70) Pentachlorophenol	11.133	266	65288	49.660	ng		95
71) Phenanthrene	11.345	178	428234	41.102	ng		99
72) Anthracene	11.398	178	431996	41.171	ng		99
73) Carbazole	11.551	167	344185	37.641	ng		97
74) Di-n-butylphthalate	11.875	149	453420	38.585	ng		100
75) Fluoranthene	12.533	202	401963	36.755	ng		98
77) Benzidine	12.651	184	78584	34.113	ng	#	95
78) Pyrene	12.763	202	388213	39.363	ng		98
80) Butylbenzylphthalate	13.374	149	150719	37.672	ng		96
81) Benzo(a)anthracene	13.951	228	286862	38.340	ng		97
82) 3,3'-Dichlorobenzidine	13.916	252	62216	28.344	ng		95
83) Chrysene	13.992	228	284272	39.380	ng		99
84) Bis(2-ethylhexyl)phtha...	13.933	149	189359	39.789	ng		92
85) Di-n-octyl phthalate	14.545	149	299649	47.178	ng	#	90
87) Indeno(1,2,3-cd)pyrene	16.886	276	288307	40.680	ng		99
88) Benzo(b)fluoranthene	14.998	252	277237	41.163	ng		99
89) Benzo(k)fluoranthene	15.027	252	253174	39.708	ng		96
90) Benzo(a)pyrene	15.363	252	250934	42.895	ng		98
91) Dibenzo(a,h)anthracene	16.892	278	241820	40.028	ng		98
92) Benzo(g,h,i)perylene	17.327	276	232836	39.080	ng	#	94

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

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