Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070121\
Data File : BG049148.D
Acq On : 1 Jul 2021 10:15
Operator : CG/JU
Sample : PB137441BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB137441BS

Manual Integrations APPROVED
mohammad
7/2/2021 12:01:22 PM

Quant Time: Jul 01 13:39:36 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG063021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 30 15:39:12 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.091	152	34178	20.000	ng	0.00
21) Naphthalene-d8	10.911	136	145817	20.000	ng	# 0.00
39) Acenaphthene-d10	14.736	164	105065	20.000	ng	0.00
64) Phenanthrene-d10	17.486	188	255664	20.000	ng	# 0.00
76) Chrysene-d12	21.775	240	278943	20.000	ng	0.00
86) Perylene-d12	25.088	264	275665	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.641	112	298893	136.974	ng	0.00
7) Phenol-d6	7.245	99	389025	125.045	ng	0.00
23) Nitrobenzene-d5	9.260	82	276589	80.421	ng	0.00
42) 2,4,6-Tribromophenol	16.228	330	230428	126.515	ng	0.00
45) 2-Fluorobiphenyl	13.361	172	631054	81.034	ng	0.00
79) Terphenyl-d14	20.094	244	1228244	74.613	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.514	88	26362	27.517	ng	# 75
3) Pyridine	3.919	79	74169	28.633	ng	94
4) n-Nitrosodimethylamine	3.825	42	62218	42.290	ng	# 80
6) Aniline	7.409	93	144028	38.026	ng	91
8) 2-Chlorophenol	7.656	128	108365	45.262	ng	90
9) Benzaldehyde	7.221	77	70809	43.272	ng	88
10) Phenol	7.274	94	139002	44.477	ng	95
11) bis(2-Chloroethyl)ether	7.503	93	98184	43.071	ng	85
12) 1,3-Dichlorobenzene	7.979	146	107616	40.189	ng	97
13) 1,4-Dichlorobenzene	8.126	146	108633	40.343	ng	97
14) 1,2-Dichlorobenzene	8.449	146	108767	41.956	ng	93
15) Benzyl Alcohol	8.326	79	119464	43.607	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.620	45	166044	42.908	ng	84
17) 2-Methylphenol	8.531	107	95884	45.530	ng	96
18) Hexachloroethane	9.184	117	44895	41.753	ng	96
19) n-Nitroso-di-n-propyla...	8.902	70	91513	40.930	ng	99
20) 3+4-Methylphenols	8.860	107	132307	45.318	ng	97
22) Acetophenone	8.919	105	181149	41.647	ng	# 96
24) Nitrobenzene	9.301	77	144384	38.745	ng	95
25) Isophorone	9.830	82	243292	36.827	ng	96
26) 2-Nitrophenol	10.018	139	60509	40.785	ng	98
27) 2,4-Dimethylphenol	10.077	122	104901	47.127	ng	92
28) bis(2-Chloroethoxy)met...	10.312	93	134879	43.296	ng	93
29) 2,4-Dichlorophenol	10.558	162	111744	41.861	ng	94
30) 1,2,4-Trichlorobenzene	10.776	180	122040	38.821	ng	# 90
31) Naphthalene	10.964	128	329486	38.809	ng	99
32) Benzoic acid	10.229	122	72053	41.115	ng	# 74
33) 4-Chloroaniline	11.070	127	87979	25.061	ng	96
34) Hexachlorobutadiene	11.252	225	86824	37.382	ng	93
35) Caprolactam	11.845	113	36308m	42.855	ng	
36) 4-Chloro-3-methylphenol	12.186	107	130384	42.449	ng	# 95
37) 2-Methylnaphthalene	12.568	142	255308	39.933	ng	96
38) 1-Methylnaphthalene	12.785	142	240096	39.654	ng	96
40) 1,2,4,5-Tetrachloroben...	12.932	216	148864	40.614	ng	97
41) Hexachlorocyclopentadiene	12.915	237	210326	96.872	ng	93
43) 2,4,6-Trichlorophenol	13.167	196	105135	41.538	ng	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.244	196	113801	41.115	ng		92
46) 1,1'-Biphenyl	13.573	154	329640	41.999	ng		99
47) 2-Chloronaphthalene	13.614	162	257920	39.935	ng		99
48) 2-Nitroaniline	13.813	65	99490	42.246	ng		95
49) Acenaphthylene	14.460	152	416639	40.918	ng		97
50) Dimethylphthalate	14.189	163	354473	42.039	ng		100
51) 2,6-Dinitrotoluene	14.307	165	77468	40.077	ng		93
52) Acenaphthene	14.801	154	260215	41.004	ng		95
53) 3-Nitroaniline	14.636	138	58424	31.466	ng		87
54) 2,4-Dinitrophenol	14.848	184	101677	76.823	ng		93
55) Dibenzofuran	15.135	168	406288	39.327	ng		99
56) 4-Nitrophenol	14.953	139	135740	89.712	ng		88
57) 2,4-Dinitrotoluene	15.094	165	114494	41.699	ng		97
58) Fluorene	15.788	166	347570	40.678	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.359	232	109893	42.651	ng		97
60) Diethylphthalate	15.547	149	379742	42.502	ng		96
61) 4-Chlorophenyl-phenyle...	15.776	204	191118	40.412	ng		98
62) 4-Nitroaniline	15.805	138	78739	40.823	ng		88
63) Azobenzene	16.070	77	364004	40.411	ng		90
65) 4,6-Dinitro-2-methylph...	15.858	198	68340	37.421	ng		86
66) n-Nitrosodiphenylamine	15.987	169	307637	38.474	ng		98
67) 4-Bromophenyl-phenylether	16.669	248	135850	39.387	ng		95
68) Hexachlorobenzene	16.792	284	147687	38.731	ng		97
69) Atrazine	16.939	200	137385	51.738	ng		97
70) Pentachlorophenol	17.133	266	195050	87.878	ng		95
71) Phenanthrene	17.533	178	578341	39.284	ng		98
72) Anthracene	17.621	178	590588	40.241	ng		97
73) Carbazole	17.891	167	551587	39.420	ng		98
74) Di-n-butylphthalate	18.443	149	680709	42.311	ng		98
75) Fluoranthene	19.536	202	760920	41.285	ng		99
77) Benzidine	19.712	184	333198	55.611	ng		98
78) Pyrene	19.900	202	764881	36.918	ng		96
80) Butylbenzylphthalate	20.776	149	308235	39.269	ng		97
81) Benzo(a)anthracene	21.757	228	779324	37.457	ng		98
82) 3,3'-Dichlorobenzidine	21.669	252	226943	32.064	ng		96
83) Chrysene	21.828	228	748067	37.847	ng		97
84) Bis(2-ethylhexyl)phtha...	21.651	149	445709	40.202	ng		95
85) Di-n-octyl phthalate	22.897	149	753559	40.385	ng		98
87) Indeno(1,2,3-cd)pyrene	28.890	276	953139	43.332	ng	#	97
88) Benzo(b)fluoranthene	24.037	252	835826	42.016	ng	#	95
89) Benzo(k)fluoranthene	24.107	252	785027	41.366	ng	#	99
90) Benzo(a)pyrene	24.936	252	792444	43.183	ng	#	99
91) Dibenzo(a,h)anthracene	28.960	278	791726	42.644	ng	#	95
92) Benzo(g,h,i)perylene	30.089	276	783193	42.794	ng		99

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

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