Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062621\
Data File : BG049108.D
Acq On : 26 Jun 2021 14:31
Operator : CG/JU
Sample : PB137325BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB137325BS

Manual Integrations APPROVED
mohammad
6/28/2021 1:26:46 PM

Quant Time: Jun 27 04:31:36 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 24 11:02:36 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.097	152	27830	20.00	ng		0.00
21) Naphthalene-d8	10.923	136	123490	20.00	ng	#	0.00
39) Acenaphthene-d10	14.742	164	95236	20.00	ng		0.00
64) Phenanthrene-d10	17.498	188	239032	20.00	ng	#	0.00
76) Chrysene-d12	21.781	240	231427	20.00	ng		0.00
86) Perylene-d12	25.095	264	231084	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.659	112	241507	135.09	ng		0.00
7) Phenol-d6	7.257	99	326837	121.98	ng		0.00
23) Nitrobenzene-d5	9.272	82	231945	80.99	ng		0.00
42) 2,4,6-Tribromophenol	16.234	330	196718	139.42	ng		0.00
45) 2-Fluorobiphenyl	13.367	172	518386	76.89	ng		0.00
79) Terphenyl-d14	20.100	244	1062544	84.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.526	88	24989	28.63	ng	#	80
3) Pyridine	3.931	79	66051	27.90	ng		94
4) n-Nitrosodimethylamine	3.843	42	51470	45.40	ng	#	75
6) Aniline	7.421	93	105032	31.13	ng		93
8) 2-Chlorophenol	7.662	128	91925	46.65	ng		88
9) Benzaldehyde	7.233	77	16630m	11.99	ng		
10) Phenol	7.286	94	124461	44.96	ng		91
11) bis(2-Chloroethyl)ether	7.515	93	81751	39.80	ng	#	80
12) 1,3-Dichlorobenzene	7.991	146	90406	41.07	ng		98
13) 1,4-Dichlorobenzene	8.138	146	94931	43.26	ng		94
14) 1,2-Dichlorobenzene	8.461	146	89945	42.60	ng		92
15) Benzyl Alcohol	8.338	79	104721	42.67	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.632	45	144132	37.09	ng		84
17) 2-Methylphenol	8.543	107	82499	45.44	ng		94
18) Hexachloroethane	9.196	117	38149	43.33	ng		93
19) n-Nitroso-di-n-propyla...	8.908	70	76335	36.45	ng		94
20) 3+4-Methylphenols	8.872	107	116412	46.90	ng		96
22) Acetophenone	8.931	105	156773	41.73	ng	#	98
24) Nitrobenzene	9.313	77	126404	39.18	ng		97
25) Isophorone	9.842	82	213594	34.23	ng		97
26) 2-Nitrophenol	10.024	139	50575	46.22	ng		93
27) 2,4-Dimethylphenol	10.083	122	91371	46.05	ng		93
28) bis(2-Chloroethoxy)met...	10.318	93	116137	40.20	ng		96
29) 2,4-Dichlorophenol	10.570	162	95055	42.71	ng		93
30) 1,2,4-Trichlorobenzene	10.782	180	105186	41.22	ng		93
31) Naphthalene	10.976	128	284844	38.72	ng		98
32) Benzoic acid	10.230	122	53591	41.35	ng	#	74
33) 4-Chloroaniline	11.082	127	59705	19.11	ng		95
34) Hexachlorobutadiene	11.258	225	73615	40.47	ng		97
35) Caprolactam	11.863	113	36011m	55.97	ng		
36) 4-Chloro-3-methylphenol	12.198	107	116618	42.86	ng	#	95
37) 2-Methylnaphthalene	12.574	142	219368	39.48	ng		97
38) 1-Methylnaphthalene	12.797	142	204333	39.17	ng		93
40) 1,2,4,5-Tetrachloroben...	12.944	216	127542	42.18	ng		99
41) Hexachlorocyclopentadiene	12.921	237	173883	89.44	ng		91
43) 2,4,6-Trichlorophenol	13.179	196	94187	46.55	ng		93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.256	196	102167	48.83	ng		92
46) 1,1'-Biphenyl	13.579	154	287839	41.00	ng		99
47) 2-Chloronaphthalene	13.626	162	224090	39.97	ng		97
48) 2-Nitroaniline	13.820	65	93246	45.91	ng		97
49) Acenaphthylene	14.472	152	374241	40.05	ng		94
50) Dimethylphthalate	14.196	163	320342	43.18	ng		98
51) 2,6-Dinitrotoluene	14.313	165	69643	46.10	ng		94
52) Acenaphthene	14.813	154	283413m	47.06	ng		
53) 3-Nitroaniline	14.642	138	47746	31.22	ng		95
54) 2,4-Dinitrophenol	14.854	184	88222	126.07	ng		95
55) Dibenzofuran	15.142	168	367278	39.23	ng		98
56) 4-Nitrophenol	14.959	139	128684	103.20	ng		90
57) 2,4-Dinitrotoluene	15.100	165	106649	57.47	ng		96
58) Fluorene	15.794	166	313523	40.96	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.371	232	97317	45.95	ng	#	99
60) Diethylphthalate	15.559	149	348775	43.41	ng		97
61) 4-Chlorophenyl-phenyle...	15.782	204	172413	43.08	ng		97
62) 4-Nitroaniline	15.811	138	77289	49.97	ng	#	84
63) Azobenzene	16.076	77	334372	36.37	ng		90
65) 4,6-Dinitro-2-methylph...	15.864	198	61617	54.36	ng		90
66) n-Nitrosodiphenylamine	15.993	169	280455	37.65	ng		98
67) 4-Bromophenyl-phenylether	16.675	248	120274	40.30	ng		93
68) Hexachlorobenzene	16.798	284	134842	41.68	ng		98
69) Atrazine	16.945	200	126320	52.83	ng		97
70) Pentachlorophenol	17.145	266	172264	88.61	ng		92
71) Phenanthrene	17.539	178	534559	39.74	ng		98
72) Anthracene	17.627	178	547798	40.53	ng		98
73) Carbazole	17.897	167	512505	39.56	ng		99
74) Di-n-butylphthalate	18.449	149	637456	43.87	ng		98
75) Fluoranthene	19.542	202	683601	42.15	ng		98
77) Benzidine	19.719	184	209827	45.01	ng		97
78) Pyrene	19.907	202	692667	41.24	ng		97
80) Butylbenzylphthalate	20.782	149	276035	43.56	ng		96
81) Benzo(a)anthracene	21.763	228	671021	40.38	ng		99
82) 3,3'-Dichlorobenzidine	21.675	252	165689	31.18	ng		99
83) Chrysene	21.828	228	645389	40.51	ng		96
84) Bis(2-ethylhexyl)phtha...	21.657	149	386662	42.80	ng		98
85) Di-n-octyl phthalate	22.903	149	650309	42.44	ng		96
87) Indeno(1,2,3-cd)pyrene	28.902	276	797846	45.88	ng		98
88) Benzo(b)fluoranthene	24.043	252	700559	42.53	ng	#	95
89) Benzo(k)fluoranthene	24.119	252	672881	43.05	ng	#	99
90) Benzo(a)pyrene	24.948	252	663361	44.11	ng		95
91) Dibenzo(a,h)anthracene	28.972	278	677409	46.61	ng	#	96
92) Benzo(g,h,i)perylene	30.106	276	661821	45.16	ng		99

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

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