Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062121\
Data File : BG049030.D
Acq On : 21 Jun 2021 12:56
Operator : CG/JU
Sample : PB137219BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 21 13:34:40 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 16 12:04:50 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB137219BS

Manual Integrations APPROVED
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6/23/2021 11:29:36 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.111	152	40948	20.000	ng		0.00
21) Naphthalene-d8	10.937	136	177778	20.000	ng	#	0.00
39) Acenaphthene-d10	14.756	164	125099	20.000	ng		0.00
64) Phenanthrene-d10	17.506	188	274159	20.000	ng	#	0.00
76) Chrysene-d12	21.795	240	256141	20.000	ng	#	0.00
86) Perylene-d12	25.120	264	260731	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.667	112	356047	135.355	ng		0.00
7) Phenol-d6	7.271	99	471981	119.714	ng		0.00
23) Nitrobenzene-d5	9.286	82	327785	79.504	ng		0.00
42) 2,4,6-Tribromophenol	16.248	330	224756	121.266	ng		0.00
45) 2-Fluorobiphenyl	13.381	172	704529	79.558	ng		0.00
79) Terphenyl-d14	20.109	244	1149592	82.196	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.540	88	40925	31.869	ng	#	74
3) Pyridine	3.945	79	105442	30.268	ng	#	88
4) n-Nitrosodimethylamine	3.857	42	78549	47.084	ng	#	79
6) Aniline	7.435	93	158267	31.876	ng	#	91
8) 2-Chlorophenol	7.676	128	134743	46.474	ng		87
9) Benzaldehyde	7.247	77	30871	15.132	ng		90
10) Phenol	7.294	94	179419	44.051	ng		94
11) bis(2-Chloroethyl)ether	7.523	93	124545	41.212	ng	#	78
12) 1,3-Dichlorobenzene	8.005	146	133091	41.092	ng		99
13) 1,4-Dichlorobenzene	8.146	146	138464	42.881	ng		96
14) 1,2-Dichlorobenzene	8.469	146	133135	42.859	ng		91
15) Benzyl Alcohol	8.352	79	151613	41.989	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.640	45	229301	40.101	ng		81
17) 2-Methylphenol	8.557	107	120404	45.077	ng		97
18) Hexachloroethane	9.204	117	56059	43.275	ng		96
19) n-Nitroso-di-n-propyla...	8.922	70	116688	37.864	ng	#	95
20) 3+4-Methylphenols	8.886	107	163561	44.787	ng		96
22) Acetophenone	8.939	105	221595	40.970	ng	#	94
24) Nitrobenzene	9.327	77	181700	39.124	ng		98
25) Isophorone	9.850	82	310558	34.575	ng		98
26) 2-Nitrophenol	10.038	139	73244	46.494	ng		94
27) 2,4-Dimethylphenol	10.097	122	128388	44.950	ng		98
28) bis(2-Chloroethoxy)met...	10.332	93	167090	40.174	ng		94
29) 2,4-Dichlorophenol	10.579	162	133946	41.801	ng		96
30) 1,2,4-Trichlorobenzene	10.796	180	149621	40.726	ng		95
31) Naphthalene	10.990	128	409311	38.647	ng		99
32) Benzoic acid	10.255	122	89792	48.130	ng	#	74
33) 4-Chloroaniline	11.090	127	64178	14.272	ng		93
34) Hexachlorobutadiene	11.272	225	105643	40.346	ng		94
35) Caprolactam	11.877	113	42881m	46.294	ng		
36) 4-Chloro-3-methylphenol	12.212	107	156216	39.885	ng	#	93
37) 2-Methylnaphthalene	12.588	142	300954	37.621	ng		98
38) 1-Methylnaphthalene	12.805	142	280141	37.300	ng		96
40) 1,2,4,5-Tetrachloroben...	12.952	216	173504	43.678	ng		98
41) Hexachlorocyclopentadiene	12.935	237	258090	101.067	ng		94
43) 2,4,6-Trichlorophenol	13.187	196	123473	46.455	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.270	196	132014	48.034	ng		93
46) 1,1'-Biphenyl	13.593	154	391241	42.420	ng		97
47) 2-Chloronaphthalene	13.634	162	296282	40.228	ng		96
48) 2-Nitroaniline	13.834	65	118322	44.656	ng		97
49) Acenaphthylene	14.480	152	493776	40.232	ng		96
50) Dimethylphthalate	14.210	163	399778	41.026	ng		100
51) 2,6-Dinitrotoluene	14.321	165	85879	43.275	ng		96
52) Acenaphthene	14.821	154	294290	37.202	ng		98
53) 3-Nitroaniline	14.656	138	52680	26.220	ng		88
54) 2,4-Dinitrophenol	14.862	184	101027	109.904	ng		90
55) Dibenzofuran	15.156	168	465809	37.882	ng		99
56) 4-Nitrophenol	14.968	139	148478	90.647	ng		92
57) 2,4-Dinitrotoluene	15.109	165	122804	50.380	ng		96
58) Fluorene	15.802	166	386198	38.408	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.379	232	116514m	41.882	ng		
60) Diethylphthalate	15.567	149	421121	39.902	ng		96
61) 4-Chlorophenyl-phenyle...	15.790	204	216792	41.233	ng		98
62) 4-Nitroaniline	15.819	138	86330	42.488	ng	#	84
63) Azobenzene	16.084	77	431199	35.707	ng		89
65) 4,6-Dinitro-2-methylph...	15.872	198	66731	51.328	ng		86
66) n-Nitrosodiphenylamine	16.007	169	337074	39.452	ng		97
67) 4-Bromophenyl-phenylether	16.689	248	143027	41.781	ng		96
68) Hexachlorobenzene	16.807	284	157135	42.352	ng		97
69) Atrazine	16.953	200	141195	51.486	ng		99
70) Pentachlorophenol	17.153	266	199613	89.522	ng		96
71) Phenanthrene	17.547	178	611716	39.654	ng		98
72) Anthracene	17.641	178	620338	40.019	ng		98
73) Carbazole	17.905	167	570920	38.423	ng		99
74) Di-n-butylphthalate	18.463	149	702186	42.134	ng		98
75) Fluoranthene	19.556	202	752441	40.449	ng		98
77) Benzidine	19.727	184	297797	57.713	ng		98
78) Pyrene	19.915	202	753636	40.537	ng		97
80) Butylbenzylphthalate	20.796	149	304878	43.465	ng		97
81) Benzo(a)anthracene	21.777	228	756352	41.126	ng		99
82) 3,3'-Dichlorobenzidine	21.683	252	194599	33.089	ng		99
83) Chrysene	21.842	228	711876	40.371	ng		96
84) Bis(2-ethylhexyl)phtha...	21.677	149	439594	43.966	ng		97
85) Di-n-octyl phthalate	22.929	149	749038	44.172	ng		97
87) Indeno(1,2,3-cd)pyrene	28.939	276	905690	46.156	ng	#	96
88) Benzo(b)fluoranthene	24.063	252	803785	43.245	ng	#	95
89) Benzo(k)fluoranthene	24.139	252	766661	43.474	ng	#	98
90) Benzo(a)pyrene	24.968	252	764857	45.081	ng	#	96
91) Dibenzo(a,h)anthracene	29.010	278	764113	46.594	ng	#	97
92) Benzo(g,h,i)perylene	30.138	276	754907	45.650	ng	#	98

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

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