Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101521\
Data File : BG050600.D
Acq On : 15 Oct 2021 12:35
Operator : CG/JU
Sample : PB139878BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB139878BSD

Manual Integrations APPROVED
mohammad
10/18/2021 12:40:28 PM

Quant Time: Oct 15 13:21:09 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 14 10:56:22 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.259	152	45018	20.00	ng		0.00
21) Naphthalene-d8	11.085	136	194301	20.00	ng		# 0.00
39) Acenaphthene-d10	14.881	164	132306	20.00	ng		0.00
64) Phenanthrene-d10	17.625	188	298299	20.00	ng		# 0.00
76) Chrysene-d12	21.926	240	244688	20.00	ng		# 0.00
86) Perylene-d12	25.339	264	245776	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.792	112	408181	135.60	ng		0.00
7) Phenol-d6	7.402	99	546231	125.33	ng		0.00
23) Nitrobenzene-d5	9.434	82	377094	80.34	ng		0.00
42) 2,4,6-Tribromophenol	16.362	330	160263	126.99	ng		0.00
45) 2-Fluorobiphenyl	13.506	172	696370	79.21	ng		0.00
79) Terphenyl-d14	20.210	244	1099976	87.61	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.653	88	44587	28.60	ng		94
3) Pyridine	4.058	79	108904	25.57	ng		95
4) n-Nitrosodimethylamine	3.970	42	82194	40.95	ng	#	49
6) Aniline	7.578	93	215322	42.52	ng	#	90
8) 2-Chlorophenol	7.819	128	139254	48.05	ng		87
9) Benzaldehyde	7.390	77	112462	41.06	ng		89
10) Phenol	7.431	94	196408	46.35	ng		87
11) bis(2-Chloroethyl)ether	7.666	93	140854	42.59	ng		86
12) 1,3-Dichlorobenzene	8.148	146	139239	41.62	ng		95
13) 1,4-Dichlorobenzene	8.295	146	140761	41.73	ng		96
14) 1,2-Dichlorobenzene	8.618	146	137194	42.59	ng		94
15) Benzyl Alcohol	8.488	79	157955	45.86	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.776	45	235313	43.63	ng		85
17) 2-Methylphenol	8.688	107	129245	46.35	ng		94
18) Hexachloroethane	9.352	117	55636	43.58	ng		92
19) n-Nitroso-di-n-propyla...	9.064	70	134278	42.27	ng	#	88
20) 3+4-Methylphenols	9.017	107	177802	45.31	ng		94
22) Acetophenone	9.088	105	222670	40.31	ng		97
24) Nitrobenzene	9.476	77	193816	41.53	ng		95
25) Isophorone	9.993	82	343520	41.26	ng	#	96
26) 2-Nitrophenol	10.186	139	78121	45.59	ng	#	92
27) 2,4-Dimethylphenol	10.233	122	143047	48.31	ng		94
28) bis(2-Chloroethoxy)met...	10.474	93	193862	40.72	ng		92
29) 2,4-Dichlorophenol	10.721	162	134570	44.59	ng		94
30) 1,2,4-Trichlorobenzene	10.939	180	139288	40.63	ng		94
31) Naphthalene	11.138	128	431016	41.44	ng		98
32) Benzoic acid	10.369	122	82825	37.69	ng	#	73
33) 4-Chloroaniline	11.238	127	147703	33.85	ng		94
34) Hexachlorobutadiene	11.409	225	85516	39.74	ng		95
35) Caprolactam	12.008	113	53259m	46.11	ng		
36) 4-Chloro-3-methylphenol	12.337	107	167143	44.31	ng	#	94
37) 2-Methylnaphthalene	12.725	142	308335	42.97	ng		94
38) 1-Methylnaphthalene	12.936	142	285664	41.05	ng		94
40) 1,2,4,5-Tetrachloroben...	13.083	216	153946	39.40	ng		97
41) Hexachlorocyclopentadiene	13.060	237	197341	87.40	ng		92
43) 2,4,6-Trichlorophenol	13.312	196	113437	41.20	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.389	196	124156	43.13	ng		93
46) 1,1'-Biphenyl	13.718	154	382869	39.67	ng		96
47) 2-Chloronaphthalene	13.765	162	304033	41.03	ng		99
48) 2-Nitroaniline	13.964	65	131189	44.50	ng		98
49) Acenaphthylene	14.605	152	502971	41.43	ng		97
50) Dimethylphthalate	14.323	163	420152	42.01	ng		98
51) 2,6-Dinitrotoluene	14.446	165	90678	45.27	ng		96
52) Acenaphthene	14.946	154	361439m	46.33	ng		
53) 3-Nitroaniline	14.781	138	89344	37.71	ng		86
54) 2,4-Dinitrophenol	14.987	184	105083	84.56	ng		87
55) Dibenzofuran	15.275	168	481517	39.90	ng		98
56) 4-Nitrophenol	15.081	139	165692	86.94	ng	#	80
57) 2,4-Dinitrotoluene	15.234	165	132176	46.82	ng		94
58) Fluorene	15.921	166	387881	41.85	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.492	232	106115	42.32	ng		95
60) Diethylphthalate	15.674	149	442744	42.14	ng		96
61) 4-Chlorophenyl-phenyle...	15.903	204	209012	41.21	ng		97
62) 4-Nitroaniline	15.944	138	104805	42.52	ng	#	67
63) Azobenzene	16.203	77	496988	40.86	ng		83
65) 4,6-Dinitro-2-methylph...	15.991	198	72028	40.20	ng		88
66) n-Nitrosodiphenylamine	16.121	169	353886	41.75	ng		97
67) 4-Bromophenyl-phenylether	16.802	248	125365	41.71	ng		100
68) Hexachlorobenzene	16.920	284	128238	42.92	ng	#	92
69) Atrazine	17.061	200	147654	44.22	ng		97
70) Pentachlorophenol	17.266	266	162394	79.85	ng		98
71) Phenanthrene	17.666	178	651049	41.42	ng		98
72) Anthracene	17.754	178	669053	42.83	ng		97
73) Carbazole	18.024	167	621311	39.91	ng		98
74) Di-n-butylphthalate	18.559	149	773374	42.33	ng		97
75) Fluoranthene	19.664	202	783587	40.55	ng		96
77) Benzidine	19.834	184	474580	59.84	ng		98
78) Pyrene	20.022	202	775489	44.67	ng		96
80) Butylbenzylphthalate	20.892	149	329264	44.84	ng		95
81) Benzo(a)anthracene	21.902	228	693933	42.86	ng		99
82) 3,3'-Dichlorobenzidine	21.808	252	219291	40.87	ng	#	96
83) Chrysene	21.973	228	662883	43.53	ng		95
84) Bis(2-ethylhexyl)phtha...	21.773	149	479892	45.99	ng	#	96
85) Di-n-octyl phthalate	23.054	149	820916	47.17	ng		96
87) Indeno(1,2,3-cd)pyrene	29.264	276	769250	44.94	ng	#	88
88) Benzo(b)fluoranthene	24.246	252	709990	47.17	ng	#	94
89) Benzo(k)fluoranthene	24.317	252	676454	45.68	ng	#	97
90) Benzo(a)pyrene	25.181	252	676304	52.85	ng	#	96
91) Dibenzo(a,h)anthracene	29.341	278	650111	45.91	ng	#	94
92) Benzo(g,h,i)perylene	30.504	276	634300	45.74	ng	#	90

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

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