Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
Data File : BG051075.D
Acq On : 16 Nov 2021 20:38
Operator : CG/JU
Sample : M4701-01MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-03-111521MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/17/2021
Supervised By :mohammad ahmed 11/17/2021

Quant Time: Nov 17 00:42:45 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 15 03:55:35 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.224	152	39896	20.000	ng		0.00
21) Naphthalene-d8	11.050	136	173622	20.000	ng	#	0.00
39) Acenaphthene-d10	14.851	164	117630	20.000	ng		0.00
64) Phenanthrene-d10	17.601	188	242652	20.000	ng	#	0.00
76) Chrysene-d12	21.902	240	204582	20.000	ng	#	0.00
86) Perylene-d12	25.316	264	209429	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.762	112	261307	97.977	ng		0.00
7) Phenol-d6	7.372	99	349099	92.738	ng		0.00
23) Nitrobenzene-d5	9.399	82	237255	60.490	ng		0.00
42) 2,4,6-Tribromophenol	16.344	330	111826	94.997	ng		0.00
45) 2-Fluorobiphenyl	13.471	172	463956	62.320	ng		0.00
79) Terphenyl-d14	20.186	244	660008	59.031	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.606	88	42642	36.216	ng		93
3) Pyridine	4.023	79	101244	28.593	ng	#	91
4) n-Nitrosodimethylamine	3.935	42	65947	41.988	ng	#	37
6) Aniline	7.542	93	81731	18.230	ng	#	94
8) 2-Chlorophenol	7.783	128	136145	49.700	ng		93
9) Benzaldehyde	7.354	77	96049	35.458	ng		90
10) Phenol	7.401	94	183962	47.584	ng		83
11) bis(2-Chloroethyl)ether	7.630	93	129969	43.630	ng		88
12) 1,3-Dichlorobenzene	8.112	146	140362	47.045	ng		95
13) 1,4-Dichlorobenzene	8.259	146	139423	46.428	ng		96
14) 1,2-Dichlorobenzene	8.576	146	136829	46.914	ng		96
15) Benzyl Alcohol	8.459	79	137129	46.314	ng		89
16) 2,2'-oxybis(1-Chloropr...	8.747	45	199480	41.774	ng		87
17) 2-Methylphenol	8.665	107	123573	48.006	ng	#	91
18) Hexachloroethane	9.311	117	55486	48.676	ng		95
19) n-Nitroso-di-n-propyla...	9.029	70	117282	42.160	ng	#	86
20) 3+4-Methylphenols	8.994	107	166826	45.927	ng		93
22) Acetophenone	9.052	105	200498	41.549	ng		94
24) Nitrobenzene	9.440	77	175007	45.258	ng		91
25) Isophorone	9.963	82	299994	42.317	ng	#	95
26) 2-Nitrophenol	10.157	139	78370	47.686	ng	#	85
27) 2,4-Dimethylphenol	10.204	122	133780	53.405	ng		92
28) bis(2-Chloroethoxy)met...	10.439	93	172394	40.911	ng		94
29) 2,4-Dichlorophenol	10.692	162	133297	49.768	ng		96
30) 1,2,4-Trichlorobenzene	10.909	180	141971	47.315	ng		94
31) Naphthalene	11.103	128	421759	45.239	ng		98
32) Benzoic acid	10.363	122	94927	49.169	ng	#	78
33) 4-Chloroaniline	11.214	127	57117	14.501	ng		94
34) Hexachlorobutadiene	11.367	225	87643	48.004	ng		96
35) Caprolactam	12.002	113	45684m	62.733	ng		
36) 4-Chloro-3-methylphenol	12.319	107	158310	47.376	ng		92
37) 2-Methylnaphthalene	12.689	142	299001	47.198	ng		94
38) 1-Methylnaphthalene	12.907	142	279051	45.075	ng		94
40) 1,2,4,5-Tetrachloroben...	13.054	216	162690	47.475	ng		98
41) Hexachlorocyclopentadiene	13.024	237	113819	97.531	ng		93
43) 2,4,6-Trichlorophenol	13.294	196	115105	47.079	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.371	196	122972	47.160	ng		90
46) 1,1'-Biphenyl	13.688	154	374924	43.648	ng		95
47) 2-Chloronaphthalene	13.735	162	306643	45.530	ng		97
48) 2-Nitroaniline	13.941	65	113046	43.831	ng		90
49) Acenaphthylene	14.581	152	487877	44.790	ng		97
50) Dimethylphthalate	14.293	163	380803	41.145	ng		100
51) 2,6-Dinitrotoluene	14.428	165	85415	44.841	ng	#	82
52) Acenaphthene	14.916	154	284283	44.791	ng		92
53) 3-Nitroaniline	14.757	138	63156	28.369	ng		95
54) 2,4-Dinitrophenol	14.975	184	81809	78.537	ng	#	80
55) Dibenzofuran	15.251	168	461160	42.719	ng		97
56) 4-Nitrophenol	15.069	139	149699	87.900	ng	#	72
57) 2,4-Dinitrotoluene	15.216	165	122465	45.313	ng		93
58) Fluorene	15.897	166	369023	43.792	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.474	232	102766	46.275	ng	#	99
60) Diethylphthalate	15.645	149	393816	40.550	ng		96
61) 4-Chlorophenyl-phenyle...	15.880	204	199160	43.756	ng		97
62) 4-Nitroaniline	15.927	138	87485	37.806	ng	#	62
63) Azobenzene	16.173	77	422411	41.044	ng		83
65) 4,6-Dinitro-2-methylph...	15.980	198	58564	39.011	ng		91
66) n-Nitrosodiphenylamine	16.097	169	331028	47.502	ng		96
67) 4-Bromophenyl-phenylether	16.773	248	123700	48.668	ng		96
68) Hexachlorobenzene	16.902	284	123468	49.350	ng		96
69) Atrazine	17.037	200	129555	74.773	ng		99
70) Pentachlorophenol	17.249	266	144956	102.097	ng		98
71) Phenanthrene	17.642	178	605495	46.781	ng		98
72) Anthracene	17.736	178	606459	47.112	ng		98
73) Carbazole	18.001	167	536306	42.069	ng		98
74) Di-n-butylphthalate	18.529	149	655256	43.382	ng	#	97
75) Fluoranthene	19.640	202	686823	43.253	ng		96
77) Benzidine	19.816	184	181523	46.941	ng		97
78) Pyrene	20.004	202	703398	45.831	ng		98
80) Butylbenzylphthalate	20.868	149	279284	42.335	ng		97
81) Benzo(a)anthracene	21.878	228	628180	44.718	ng		98
82) 3,3'-Dichlorobenzidine	21.784	252	113591	17.681	ng	#	99
83) Chrysene	21.949	228	606137	45.740	ng		95
84) Bis(2-ethylhexyl)phtha...	21.743	149	400511	43.116	ng		98
85) Di-n-octyl phthalate	23.012	149	679479	43.454	ng		98
87) Indeno(1,2,3-cd)pyrene	29.252	276	625666	42.090	ng	#	97
88) Benzo(b)fluoranthene	24.223	252	623484	47.296	ng	#	92
89) Benzo(k)fluoranthene	24.293	252	605511	46.054	ng	#	97
90) Benzo(a)pyrene	25.151	252	608802	54.094	ng	#	94
91) Dibenzo(a,h)anthracene	29.317	278	539303	44.065	ng	#	91
92) Benzo(g,h,i)perylene	30.492	276	491245	40.786	ng	#	90

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

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