Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102121\
Data File : BG050663.D
Acq On : 21 Oct 2021 11:43
Operator : CG/JU
Sample : PB140015BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB140015BSD

Manual Integrations APPROVED
mohammad
10/22/2021 2:54:01 PM

Quant Time: Oct 21 12:24:10 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	8.252	152	39744	20.00	ng		0.00
21) Naphthalene-d8	11.078	136	176743	20.00	ng		# 0.00
39) Acenaphthene-d10	14.874	164	116423	20.00	ng		0.00
64) Phenanthrene-d10	17.618	188	256845	20.00	ng		# 0.00
76) Chrysene-d12	21.924	240	194404	20.00	ng		# 0.00
86) Perylene-d12	25.338	264	191947	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.790	112	336070	126.46	ng		0.00
7) Phenol-d6	7.400	99	457452	118.89	ng		0.00
23) Nitrobenzene-d5	9.427	82	324614	76.03	ng		0.00
42) 2,4,6-Tribromophenol	16.360	330	135610	122.12	ng		0.00
45) 2-Fluorobiphenyl	13.499	172	596698	77.14	ng		0.00
79) Terphenyl-d14	20.209	244	881073	88.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.646	88	36262	26.35	ng		95
3) Pyridine	4.057	79	93578	24.89	ng	#	89
4) n-Nitrosodimethylamine	3.969	42	72101	40.69	ng	#	50
6) Aniline	7.571	93	203856	45.60	ng	#	93
8) 2-Chlorophenol	7.812	128	121471	47.47	ng		86
9) Benzaldehyde	7.388	77	100927	41.83	ng		89
10) Phenol	7.424	94	171892	45.95	ng		85
11) bis(2-Chloroethyl)ether	7.665	93	125281	42.91	ng		84
12) 1,3-Dichlorobenzene	8.141	146	126826	42.94	ng		95
13) 1,4-Dichlorobenzene	8.287	146	127106	42.69	ng		96
14) 1,2-Dichlorobenzene	8.611	146	124402	43.74	ng		95
15) Benzyl Alcohol	8.487	79	139254	45.80	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.775	45	207030	43.48	ng		85
17) 2-Methylphenol	8.687	107	116617	47.38	ng		92
18) Hexachloroethane	9.345	117	49200	43.66	ng		93
19) n-Nitroso-di-n-propyla...	9.057	70	120010	42.79	ng	#	89
20) 3+4-Methylphenols	9.016	107	159367	46.00	ng		95
22) Acetophenone	9.081	105	201632	40.13	ng	#	97
24) Nitrobenzene	9.468	77	173465	40.86	ng		93
25) Isophorone	9.991	82	308977	40.80	ng	#	96
26) 2-Nitrophenol	10.185	139	69359	44.49	ng	#	91
27) 2,4-Dimethylphenol	10.232	122	128427	47.69	ng		91
28) bis(2-Chloroethoxy)met...	10.467	93	173543	40.08	ng		93
29) 2,4-Dichlorophenol	10.720	162	121179	44.15	ng		95
30) 1,2,4-Trichlorobenzene	10.937	180	125363	40.20	ng		94
31) Naphthalene	11.131	128	391067	41.34	ng		99
32) Benzoic acid	10.373	122	69351	34.70	ng	#	76
33) 4-Chloroaniline	11.231	127	163551	41.20	ng		97
34) Hexachlorobutadiene	11.401	225	78762	40.23	ng		97
35) Caprolactam	12.012	113	47174m	44.90	ng		
36) 4-Chloro-3-methylphenol	12.336	107	150298	43.81	ng		91
37) 2-Methylnaphthalene	12.718	142	278130	42.61	ng		93
38) 1-Methylnaphthalene	12.935	142	258199	40.79	ng		91
40) 1,2,4,5-Tetrachloroben...	13.082	216	140848	40.97	ng		97
41) Hexachlorocyclopentadiene	13.052	237	178302	89.74	ng		93
43) 2,4,6-Trichlorophenol	13.311	196	101421	41.86	ng		92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.387	196	110550	43.65	ng		91
46) 1,1'-Biphenyl	13.710	154	343037	40.40	ng		94
47) 2-Chloronaphthalene	13.757	162	276217	42.36	ng		99
48) 2-Nitroaniline	13.957	65	117787	45.41	ng		97
49) Acenaphthylene	14.604	152	452529	42.36	ng		97
50) Dimethylphthalate	14.322	163	370763	42.13	ng		99
51) 2,6-Dinitrotoluene	14.445	165	80661	45.76	ng		92
52) Acenaphthene	14.938	154	316781m	46.14	ng		
53) 3-Nitroaniline	14.780	138	84947	40.74	ng		90
54) 2,4-Dinitrophenol	14.985	184	87929	80.41	ng		92
55) Dibenzofuran	15.273	168	428812	40.38	ng		97
56) 4-Nitrophenol	15.079	139	138076	82.33	ng	#	80
57) 2,4-Dinitrotoluene	15.232	165	112664	45.35	ng		94
58) Fluorene	15.920	166	343300	42.09	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.491	232	88978	40.33	ng		93
60) Diethylphthalate	15.673	149	392163	42.41	ng		97
61) 4-Chlorophenyl-phenyle...	15.902	204	183840	41.20	ng		98
62) 4-Nitroaniline	15.937	138	91899	42.37	ng	#	66
63) Azobenzene	16.196	77	430694	40.24	ng		83
65) 4,6-Dinitro-2-methylph...	15.990	198	62915	40.78	ng		86
66) n-Nitrosodiphenylamine	16.119	169	309283	42.38	ng		97
67) 4-Bromophenyl-phenylether	16.801	248	111205	42.97	ng		97
68) Hexachlorobenzene	16.919	284	112775	43.84	ng		92
69) Atrazine	17.060	200	125783	43.75	ng		97
70) Pentachlorophenol	17.265	266	132394	75.61	ng		98
71) Phenanthrene	17.665	178	563354	41.62	ng		98
72) Anthracene	17.753	178	578414	43.01	ng		98
73) Carbazole	18.023	167	529382	39.49	ng		99
74) Di-n-butylphthalate	18.552	149	656637	41.74	ng	#	97
75) Fluoranthene	19.662	202	636871	38.28	ng		96
77) Benzidine	19.833	184	541331	85.91	ng		96
78) Pyrene	20.021	202	634460	46.00	ng		97
80) Butylbenzylphthalate	20.890	149	257012	44.05	ng		97
81) Benzo(a)anthracene	21.901	228	550383	42.79	ng		100
82) 3,3'-Dichlorobenzidine	21.807	252	190810	44.76	ng	#	98
83) Chrysene	21.971	228	528369	43.67	ng		96
84) Bis(2-ethylhexyl)phtha...	21.772	149	361772	43.64	ng		96
85) Di-n-octyl phthalate	23.052	149	619807	44.83	ng		96
87) Indeno(1,2,3-cd)pyrene	29.269	276	595266	44.53	ng	#	93
88) Benzo(b)fluoranthene	24.245	252	538837	45.84	ng	#	94
89) Benzo(k)fluoranthene	24.322	252	530434	45.87	ng	#	96
90) Benzo(a)pyrene	25.179	252	523870	52.41	ng	#	94
91) Dibenzo(a,h)anthracene	29.345	278	505767	45.74	ng	#	93
92) Benzo(g,h,i)perylene	30.514	276	490183	45.26	ng	#	88

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

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