Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101321\
Data File : BG050568.D
Acq On : 13 Oct 2021 13:12
Operator : CG/JU
Sample : PB139722BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB139722BS

Manual Integrations APPROVED
mohammad
10/14/2021 10:54:32 AM

Quant Time: Oct 13 15:14:55 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 06 15:51:01 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.258	152	41747	20.00	ng		0.00
21) Naphthalene-d8	11.085	136	188105	20.00	ng		# 0.00
39) Acenaphthene-d10	14.880	164	128977	20.00	ng		0.00
64) Phenanthrene-d10	17.624	188	300307	20.00	ng		# 0.00
76) Chrysene-d12	21.925	240	260572	20.00	ng		# 0.00
86) Perylene-d12	25.338	264	259825	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.797	112	354912	127.14	ng		0.00
7) Phenol-d6	7.401	99	485050	120.02	ng		0.00
23) Nitrobenzene-d5	9.434	82	338571	74.51	ng		0.00
42) 2,4,6-Tribromophenol	16.361	330	145397	118.19	ng		0.00
45) 2-Fluorobiphenyl	13.505	172	630532	73.58	ng		0.00
79) Terphenyl-d14	20.209	244	1026152	76.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.652	88	43169	29.86	ng		91
3) Pyridine	4.057	79	104097	26.36	ng		93
4) n-Nitrosodimethylamine	3.975	42	73404	39.44	ng	#	47
6) Aniline	7.577	93	186143	39.64	ng		94
8) 2-Chlorophenol	7.818	128	129549	48.20	ng		88
9) Benzaldehyde	7.389	77	101252	39.70	ng		91
10) Phenol	7.430	94	182519	46.45	ng		86
11) bis(2-Chloroethyl)ether	7.665	93	128463	41.89	ng		87
12) 1,3-Dichlorobenzene	8.147	146	126862	40.89	ng		97
13) 1,4-Dichlorobenzene	8.294	146	127614	40.80	ng		96
14) 1,2-Dichlorobenzene	8.617	146	125123	41.88	ng		95
15) Benzyl Alcohol	8.493	79	148242	46.42	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.775	45	217467	43.48	ng		85
17) 2-Methylphenol	8.693	107	126314	48.85	ng		92
18) Hexachloroethane	9.351	117	49992	42.23	ng		93
19) n-Nitroso-di-n-propyla...	9.057	70	127407	43.25	ng	#	88
20) 3+4-Methylphenols	9.016	107	168925	46.42	ng		93
22) Acetophenone	9.087	105	206085	38.54	ng	#	96
24) Nitrobenzene	9.475	77	184857	40.91	ng		96
25) Isophorone	9.992	82	324247	40.23	ng	#	95
26) 2-Nitrophenol	10.186	139	72100	43.46	ng	#	92
27) 2,4-Dimethylphenol	10.233	122	137192	47.86	ng		90
28) bis(2-Chloroethoxy)met...	10.473	93	182617	39.63	ng		94
29) 2,4-Dichlorophenol	10.720	162	130973	44.83	ng		98
30) 1,2,4-Trichlorobenzene	10.938	180	126561	38.14	ng		96
31) Naphthalene	11.137	128	400124	39.74	ng		98
32) Benzoic acid	10.368	122	85576	40.23	ng	#	78
33) 4-Chloroaniline	11.237	127	120234	28.46	ng		97
34) Hexachlorobutadiene	11.408	225	78076	37.47	ng		99
35) Caprolactam	12.013	113	51502m	46.06	ng		
36) 4-Chloro-3-methylphenol	12.336	107	164517	45.05	ng	#	87
37) 2-Methylnaphthalene	12.724	142	291082	41.90	ng		92
38) 1-Methylnaphthalene	12.941	142	268750	39.89	ng		92
40) 1,2,4,5-Tetrachloroben...	13.082	216	145155	38.11	ng		97
41) Hexachlorocyclopentadiene	13.059	237	187613	85.23	ng		93
43) 2,4,6-Trichlorophenol	13.317	196	110299	41.10	ng		96

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.388	196	119063	42.43	ng		92
46)	1,1'-Biphenyl	13.717	154	365204	38.82	ng		93
47)	2-Chloronaphthalene	13.764	162	289187	40.03	ng		98
48)	2-Nitroaniline	13.964	65	128785	44.82	ng		95
49)	Acenaphthylene	14.604	152	483311	40.83	ng		99
50)	Dimethylphthalate	14.322	163	403822	41.42	ng		100
51)	2,6-Dinitrotoluene	14.451	165	87615	44.87	ng		85
52)	Acenaphthene	14.945	154	348790m	45.86	ng		
53)	3-Nitroaniline	14.780	138	77978	33.76	ng		86
54)	2,4-Dinitrophenol	14.980	184	102069	84.26	ng		90
55)	Dibenzofuran	15.274	168	464931	39.52	ng		98
56)	4-Nitrophenol	15.074	139	163100	87.78	ng	#	82
57)	2,4-Dinitrotoluene	15.233	165	126355	45.91	ng		94
58)	Fluorene	15.920	166	375718	41.58	ng		96
59)	2,3,4,6-Tetrachlorophenol	15.491	232	100852	41.26	ng		95
60)	Diethylphthalate	15.673	149	432960	42.27	ng		97
61)	4-Chlorophenyl-phenyle...	15.908	204	199552	40.36	ng		97
62)	4-Nitroaniline	15.944	138	101470	42.23	ng	#	68
63)	Azobenzene	16.202	77	482428	40.69	ng		84
65)	4,6-Dinitro-2-methylph...	15.991	198	70032	38.83	ng		86
66)	n-Nitrosodiphenylamine	16.120	169	340378	39.89	ng		96
67)	4-Bromophenyl-phenylether	16.801	248	120528	39.83	ng		99
68)	Hexachlorobenzene	16.919	284	121789	40.49	ng	#	91
69)	Atrazine	17.060	200	146539	43.60	ng		99
70)	Pentachlorophenol	17.266	266	158148	77.24	ng		96
71)	Phenanthrene	17.665	178	645509	40.79	ng		98
72)	Anthracene	17.753	178	651261	41.41	ng		98
73)	Carbazole	18.023	167	611774	39.03	ng		98
74)	Di-n-butylphthalate	18.558	149	765201	41.60	ng		98
75)	Fluoranthene	19.663	202	784392	40.32	ng		96
77)	Benzidine	19.833	184	371568	44.00	ng		98
78)	Pyrene	20.021	202	775216	41.93	ng		96
80)	Butylbenzylphthalate	20.891	149	333405	42.64	ng		93
81)	Benzo(a)anthracene	21.901	228	693342	40.21	ng		99
82)	3,3'-Dichlorobenzidine	21.807	252	200768	35.14	ng	#	99
83)	Chrysene	21.972	228	663393	40.90	ng		95
84)	Bis(2-ethylhexyl)phtha...	21.778	149	484444	43.60	ng	#	97
85)	Di-n-octyl phthalate	23.059	149	820099	44.25	ng		96
87)	Indeno(1,2,3-cd)pyrene	29.263	276	765188	42.28	ng	#	93
88)	Benzo(b)fluoranthene	24.246	252	706395	44.39	ng	#	93
89)	Benzo(k)fluoranthene	24.322	252	680133	43.45	ng	#	96
90)	Benzo(a)pyrene	25.180	252	683473	50.52	ng	#	92
91)	Dibenzo(a,h)anthracene	29.340	278	644690	43.07	ng	#	92
92)	Benzo(g,h,i)perylene	30.497	276	634133	43.26	ng	#	90

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

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