Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100720\
Data File : BG046799.D
Acq On : 7 Oct 2020 13:02
Operator : CG/JU
Sample : PB132101BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB132101BSD

Manual Integrations APPROVED
mohammad
10/8/2020 12:28:40 PM

Quant Time: Oct 07 13:43:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 07 11:38:17 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.109	152	68905	20.00	ng		0.00
21) Naphthalene-d8	10.923	136	279633	20.00	ng	#	0.00
39) Acenaphthene-d10	14.737	164	198596	20.00	ng		0.00
64) Phenanthrene-d10	17.475	188	483939	20.00	ng	#	0.00
76) Chrysene-d12	21.758	240	547776	20.00	ng	#	0.00
86) Perylene-d12	25.030	264	532103	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.671	112	457519	106.37	ng		0.00
7) Phenol-d6	7.263	99	604407	99.62	ng		0.00
23) Nitrobenzene-d5	9.272	82	418725	79.66	ng		0.00
42) 2,4,6-Tribromophenol	16.217	330	305749	116.76	ng		0.00
45) 2-Fluorobiphenyl	13.362	172	970742	69.20	ng		0.00
79) Terphenyl-d14	20.083	244	1772925	64.87	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.561	88	92604	46.14	ng	#	90
3) Pyridine	3.961	79	131731	23.20	ng		98
4) n-Nitrosodimethylamine	3.873	42	99105	33.36	ng	#	76
6) Aniline	7.433	93	255255	34.81	ng		92
8) 2-Chlorophenol	7.674	128	186019	43.40	ng		93
9) Benzaldehyde	7.239	77	140027	42.19	ng	#	81
10) Phenol	7.286	94	248238	41.11	ng		81
11) bis(2-Chloroethyl)ether	7.521	93	172401	36.94	ng		95
12) 1,3-Dichlorobenzene	8.003	146	204862	37.01	ng	#	94
13) 1,4-Dichlorobenzene	8.144	146	206168	37.59	ng		98
14) 1,2-Dichlorobenzene	8.467	146	201838	39.46	ng		97
15) Benzyl Alcohol	8.338	79	195627	39.22	ng		90
16) 2,2'-oxybis(1-Chloropr...	8.638	45	256334	31.30	ng		98
17) 2-Methylphenol	8.544	107	164076	42.31	ng	#	88
18) Hexachloroethane	9.202	117	74179	35.85	ng		89
19) n-Nitroso-di-n-propyla...	8.914	70	154805	37.21	ng		95
20) 3+4-Methylphenols	8.867	107	224759	42.52	ng		92
22) Acetophenone	8.932	105	289221	35.61	ng	#	94
24) Nitrobenzene	9.314	77	234497	40.87	ng	#	85
25) Isophorone	9.836	82	414991	36.17	ng	#	95
26) 2-Nitrophenol	10.024	139	106202	51.20	ng	#	78
27) 2,4-Dimethylphenol	10.077	122	177700	42.86	ng		88
28) bis(2-Chloroethoxy)met...	10.318	93	238758	33.73	ng		97
29) 2,4-Dichlorophenol	10.559	162	208295	41.76	ng		96
30) 1,2,4-Trichlorobenzene	10.782	180	221922	37.28	ng		99
31) Naphthalene	10.970	128	561821	37.04	ng		99
32) Benzoic acid	10.201	122	134402	46.67	ng		86
33) 4-Chloroaniline	11.070	127	193630	28.82	ng	#	93
34) Hexachlorobutadiene	11.258	225	155937	35.73	ng		96
35) Caprolactam	11.840	113	71200m	42.15	ng		
36) 4-Chloro-3-methylphenol	12.181	107	217391	40.54	ng		88
37) 2-Methylnaphthalene	12.569	142	431093	38.34	ng	#	94
38) 1-Methylnaphthalene	12.786	142	405718	38.87	ng		98
40) 1,2,4,5-Tetrachloroben...	12.933	216	279911	39.21	ng	#	98
41) Hexachlorocyclopentadiene	12.915	237	337083	81.17	ng		99
43) 2,4,6-Trichlorophenol	13.168	196	185582	41.34	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.238	196	200204	44.31	ng	#	94
46) 1,1'-Biphenyl	13.573	154	581198	38.06	ng		97
47) 2-Chloronaphthalene	13.614	162	448033	36.11	ng		97
48) 2-Nitroaniline	13.808	65	161749	49.11	ng	#	81
49) Acenaphthylene	14.460	152	705539	38.64	ng		98
50) Dimethylphthalate	14.184	163	606091	38.21	ng		99
51) 2,6-Dinitrotoluene	14.302	165	133045	51.61	ng	#	75
52) Acenaphthene	14.801	154	541068m	43.63	ng		
53) 3-Nitroaniline	14.631	138	110921	38.07	ng	#	79
54) 2,4-Dinitrophenol	14.831	184	173569	123.28	ng	#	76
55) Dibenzofuran	15.130	168	723633	38.65	ng		96
56) 4-Nitrophenol	14.930	139	239464	99.80	ng	#	66
57) 2,4-Dinitrotoluene	15.083	165	189240	55.43	ng	#	77
58) Fluorene	15.782	166	583627	38.93	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.354	232	205560	45.51	ng	#	95
60) Diethylphthalate	15.547	149	593611	37.22	ng		98
61) 4-Chlorophenyl-phenyle...	15.771	204	339131	39.62	ng		100
62) 4-Nitroaniline	15.788	138	140805	43.53	ng	#	71
63) Azobenzene	16.064	77	565382	36.07	ng		92
65) 4,6-Dinitro-2-methylph...	15.847	198	122254	60.86	ng		92
66) n-Nitrosodiphenylamine	15.982	169	551402	37.93	ng		96
67) 4-Bromophenyl-phenylether	16.664	248	227975	37.28	ng		94
68) Hexachlorobenzene	16.781	284	246325	37.44	ng		95
69) Atrazine	16.928	200	209717	35.90	ng		96
70) Pentachlorophenol	17.122	266	356959	93.99	ng		92
71) Phenanthrene	17.522	178	996165	37.91	ng		98
72) Anthracene	17.610	178	1021517	39.40	ng		96
73) Carbazole	17.874	167	914215	38.75	ng		98
74) Di-n-butylphthalate	18.432	149	1041201	35.91	ng	#	98
75) Fluoranthene	19.525	202	1332603	39.83	ng		97
77) Benzidine	19.701	184	733757	43.46	ng		99
78) Pyrene	19.883	202	1330524	37.79	ng		99
80) Butylbenzylphthalate	20.765	149	516986	38.00	ng		90
81) Benzo(a)anthracene	21.734	228	1393659	38.11	ng		99
82) 3,3'-Dichlorobenzidine	21.646	252	465045	32.76	ng	#	97
83) Chrysene	21.805	228	1316273	37.67	ng		99
84) Bis(2-ethylhexyl)phtha...	21.640	149	736910	36.87	ng		96
85) Di-n-octyl phthalate	22.874	149	1260827	36.68	ng	#	94
87) Indeno(1,2,3-cd)pyrene	28.767	276	1598079	40.59	ng	#	89
88) Benzo(b)fluoranthene	23.990	252	1412555	40.51	ng	#	98
89) Benzo(k)fluoranthene	24.061	252	1359597	40.56	ng	#	97
90) Benzo(a)pyrene	24.878	252	1291533	39.36	ng	#	97
91) Dibenzo(a,h)anthracene	28.844	278	1317062	40.90	ng		98
92) Benzo(g,h,i)perylene	29.954	276	1336199	42.43	ng	#	93

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

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