Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101220\
Data File : BG046858.D
Acq On : 13 Oct 2020 1:07
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
10/13/2020 2:59:55 PM

Quant Time: Oct 13 02:42:36 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	8.102	152	52707	20.00	ng	0.00
21) Naphthalene-d8	10.917	136	214016	20.00	ng	# 0.00
39) Acenaphthene-d10	14.730	164	167677	20.00	ng	0.00
64) Phenanthrene-d10	17.468	188	451682	20.00	ng	#-0.01
76) Chrysene-d12	21.745	240	477404	20.00	ng	#-0.01
86) Perylene-d12	25.012	264	493096	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.664	112	262056	79.65	ng	0.00
7) Phenol-d6	7.256	99	383982	82.74	ng	0.00
23) Nitrobenzene-d5	9.266	82	356662	88.66	ng	0.00
42) 2,4,6-Tribromophenol	16.210	330	233499	105.61	ng	0.00
45) 2-Fluorobiphenyl	13.355	172	881940	74.46	ng	0.00
79) Terphenyl-d14	20.071	244	1904771	79.96	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.560	88	56676	36.92	ng	# 94
3) Pyridine	3.960	79	168323	38.76	ng	97
4) n-Nitrosodimethylamine	3.866	42	83084	36.56	ng	# 72
6) Aniline	7.427	93	222958	39.75	ng	96
8) 2-Chlorophenol	7.667	128	134851	41.13	ng	93
9) Benzaldehyde	7.239	77	105688	41.54	ng	93
10) Phenol	7.280	94	182870	39.59	ng	80
11) bis(2-Chloroethyl)ether	7.521	93	137265	38.45	ng	90
12) 1,3-Dichlorobenzene	7.996	146	169201	39.97	ng	# 94
13) 1,4-Dichlorobenzene	8.143	146	170180	40.56	ng	97
14) 1,2-Dichlorobenzene	8.461	146	162101	41.43	ng	96
15) Benzyl Alcohol	8.337	79	156340	40.97	ng	89
16) 2,2'-oxybis(1-Chloropr...	8.625	45	210318	33.57	ng	99
17) 2-Methylphenol	8.537	107	122275	41.22	ng	# 90
18) Hexachloroethane	9.195	117	62279	39.35	ng	90
19) n-Nitroso-di-n-propyla...	8.907	70	124925	39.26	ng	# 92
20) 3+4-Methylphenols	8.866	107	171722	42.48	ng	92
22) Acetophenone	8.925	105	227901	36.66	ng	# 93
24) Nitrobenzene	9.307	77	184644	42.05	ng	# 86
25) Isophorone	9.830	82	331609	37.76	ng	# 92
26) 2-Nitrophenol	10.024	139	82761	52.13	ng	# 76
27) 2,4-Dimethylphenol	10.070	122	114390	36.05	ng	86
28) bis(2-Chloroethoxy)met...	10.311	93	195137	36.02	ng	95
29) 2,4-Dichlorophenol	10.552	162	164492	43.09	ng	96
30) 1,2,4-Trichlorobenzene	10.776	180	180424	39.60	ng	94
31) Naphthalene	10.969	128	454972	39.19	ng	98
32) Benzoic acid	10.200	122	114671	51.29	ng	# 75
33) 4-Chloroaniline	11.063	127	204320	39.74	ng	# 93
34) Hexachlorobutadiene	11.251	225	136150	40.76	ng	93
35) Caprolactam	11.839	113	63326	48.98	ng	# 86
36) 4-Chloro-3-methylphenol	12.174	107	184381	44.93	ng	88
37) 2-Methylnaphthalene	12.562	142	350599	40.74	ng	# 92
38) 1-Methylnaphthalene	12.779	142	331923m	41.55	ng	
40) 1,2,4,5-Tetrachloroben...	12.926	216	226535	37.58	ng	98
41) Hexachlorocyclopentadiene	12.908	237	124929	35.63	ng	99
43) 2,4,6-Trichlorophenol	13.161	196	160401	42.31	ng	95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.232	196	170895	44.80	ng	#	94
46) 1,1'-Biphenyl	13.561	154	481523	37.35	ng		97
47) 2-Chloronaphthalene	13.608	162	396721	37.87	ng		97
48) 2-Nitroaniline	13.801	65	150594	54.15	ng	#	81
49) Acenaphthylene	14.454	152	599773	38.91	ng		99
50) Dimethylphthalate	14.177	163	557145	41.60	ng		98
51) 2,6-Dinitrotoluene	14.295	165	122266	56.17	ng	#	71
52) Acenaphthene	14.794	154	428420	40.92	ng		97
53) 3-Nitroaniline	14.624	138	132009	53.67	ng	#	76
54) 2,4-Dinitrophenol	14.830	184	74318	62.52	ng	#	79
55) Dibenzofuran	15.123	168	646907	40.92	ng		97
56) 4-Nitrophenol	14.924	139	110789	54.69	ng	#	60
57) 2,4-Dinitrotoluene	15.076	165	184359	63.96	ng	#	83
58) Fluorene	15.776	166	527624	41.68	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.347	232	187559	49.19	ng		96
60) Diethylphthalate	15.541	149	576828	42.84	ng		97
61) 4-Chlorophenyl-phenyle...	15.764	204	313507	43.38	ng		100
62) 4-Nitroaniline	15.787	138	147694	54.08	ng	#	55
63) Azobenzene	16.058	77	507447	38.34	ng		91
65) 4,6-Dinitro-2-methylph...	15.840	198	110393	58.88	ng		84
66) n-Nitrosodiphenylamine	15.975	169	499395	36.80	ng		99
67) 4-Bromophenyl-phenylether	16.657	248	224721	39.38	ng		96
68) Hexachlorobenzene	16.774	284	239548	39.01	ng		92
69) Atrazine	16.921	200	214374	39.32	ng		95
70) Pentachlorophenol	17.115	266	162958	45.97	ng		93
71) Phenanthrene	17.515	178	946161	38.58	ng		98
72) Anthracene	17.603	178	923945	38.18	ng		97
73) Carbazole	17.867	167	866177	39.34	ng		99
74) Di-n-butylphthalate	18.425	149	1066613	39.41	ng	#	97
75) Fluoranthene	19.518	202	1231008	39.42	ng		97
77) Benzidine	19.689	184	529946	36.01	ng		96
78) Pyrene	19.877	202	1224088	39.89	ng		98
80) Butylbenzylphthalate	20.758	149	480009	40.48	ng		90
81) Benzo(a)anthracene	21.727	228	1241702	38.96	ng		98
82) 3,3'-Dichlorobenzidine	21.639	252	466427	37.70	ng	#	99
83) Chrysene	21.792	228	1195929	39.27	ng		99
84) Bis(2-ethylhexyl)phtha...	21.628	149	681329	39.11	ng		97
85) Di-n-octyl phthalate	22.861	149	1125399	37.57	ng	#	95
87) Indeno(1,2,3-cd)pyrene	28.743	276	1435219	39.34	ng	#	88
88) Benzo(b)fluoranthene	23.972	252	1255834	38.86	ng	#	97
89) Benzo(k)fluoranthene	24.042	252	1217907	39.20	ng	#	98
90) Benzo(a)pyrene	24.859	252	1189427	39.12	ng	#	98
91) Dibenzo(a,h)anthracene	28.813	278	1166521	39.09	ng	#	96
92) Benzo(g,h,i)perylene	29.912	276	1138132	39.00	ng	#	94

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

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