Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100920\
Data File : BG046839.D
Acq On : 9 Oct 2020 18:24
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mohammad
10/13/2020 11:07:50 AM

Quant Time: Oct 09 19:03:28 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	8.108	152	66651	20.00	ng		# 0.00
21) Naphthalene-d8	10.917	136	243210	20.00	ng		# 0.00
39) Acenaphthene-d10	14.730	164	176301	20.00	ng		0.00
64) Phenanthrene-d10	17.474	188	438034	20.00	ng		# 0.00
76) Chrysene-d12	21.745	240	479522	20.00	ng		#-0.01
86) Perylene-d12	25.012	264	496095	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.664	112	320530	77.04	ng		0.00
7) Phenol-d6	7.256	99	465361	79.30	ng		0.00
23) Nitrobenzene-d5	9.266	82	424168	92.78	ng		0.00
42) 2,4,6-Tribromophenol	16.216	330	226510	97.44	ng		0.00
45) 2-Fluorobiphenyl	13.355	172	958747	76.99	ng		0.00
79) Terphenyl-d14	20.077	244	1886234	78.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.567	88	68668	35.37	ng	#	93
3) Pyridine	3.960	79	206994	37.69	ng		96
4) n-Nitrosodimethylamine	3.878	42	100734	35.05	ng	#	64
6) Aniline	7.427	93	260942	36.79	ng		92
8) 2-Chlorophenol	7.668	128	164116	39.58	ng		92
9) Benzaldehyde	7.239	77	131027	40.58	ng		88
10) Phenol	7.286	94	221785	37.97	ng		84
11) bis(2-Chloroethyl)ether	7.521	93	165288	36.61	ng		95
12) 1,3-Dichlorobenzene	7.997	146	208070	38.87	ng	#	90
13) 1,4-Dichlorobenzene	8.144	146	209450	39.48	ng		96
14) 1,2-Dichlorobenzene	8.461	146	197173	39.85	ng		95
15) Benzyl Alcohol	8.337	79	176793	36.64	ng		90
16) 2,2'-oxybis(1-Chloropr...	8.631	45	248168	31.33	ng		99
17) 2-Methylphenol	8.537	107	142790	38.07	ng	#	90
18) Hexachloroethane	9.195	117	76573	38.26	ng		93
19) n-Nitroso-di-n-propyla...	8.907	70	146055	36.29	ng	#	97
20) 3+4-Methylphenols	8.866	107	197794	38.69	ng		94
22) Acetophenone	8.925	105	268109	37.95	ng		92
24) Nitrobenzene	9.313	77	219992	44.08	ng		89
25) Isophorone	9.836	82	369180	36.99	ng		94
26) 2-Nitrophenol	10.024	139	96475	53.48	ng	#	75
27) 2,4-Dimethylphenol	10.077	122	135145	37.48	ng		87
28) bis(2-Chloroethoxy)met...	10.312	93	229288	37.25	ng	#	95
29) 2,4-Dichlorophenol	10.558	162	185974	42.87	ng		97
30) 1,2,4-Trichlorobenzene	10.776	180	215151	41.55	ng		99
31) Naphthalene	10.970	128	528972	40.10	ng		98
32) Benzoic acid	10.206	122	126391	49.94	ng	#	88
33) 4-Chloroaniline	11.064	127	230691	39.48	ng		93
34) Hexachlorobutadiene	11.252	225	161735	42.60	ng		94
35) Caprolactam	11.839	113	60186	40.97	ng	#	82
36) 4-Chloro-3-methylphenol	12.180	107	189512	40.64	ng		90
37) 2-Methylnaphthalene	12.562	142	390277	39.91	ng	#	96
38) 1-Methylnaphthalene	12.785	142	366308m	40.35	ng		
40) 1,2,4,5-Tetrachloroben...	12.926	216	252765	39.88	ng		97
41) Hexachlorocyclopentadiene	12.909	237	126792	34.39	ng		97
43) 2,4,6-Trichlorophenol	13.161	196	172899	43.38	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.232	196	175597	43.78	ng	#	95
46) 1,1'-Biphenyl	13.567	154	522997	38.58	ng		94
47) 2-Chloronaphthalene	13.608	162	425805	38.66	ng		96
48) 2-Nitroaniline	13.808	65	152198	52.05	ng	#	81
49) Acenaphthylene	14.454	152	633910	39.11	ng		97
50) Dimethylphthalate	14.178	163	554868	39.40	ng		98
51) 2,6-Dinitrotoluene	14.295	165	120705	52.74	ng	#	75
52) Acenaphthene	14.795	154	446636	40.57	ng		97
53) 3-Nitroaniline	14.624	138	131763	50.95	ng		89
54) 2,4-Dinitrophenol	14.824	184	67905	54.33	ng	#	82
55) Dibenzofuran	15.124	168	660725	39.75	ng		96
56) 4-Nitrophenol	14.918	139	108629	51.00	ng	#	63
57) 2,4-Dinitrotoluene	15.083	165	180579	59.59	ng	#	81
58) Fluorene	15.776	166	537705	40.40	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.347	232	186805	46.59	ng	#	95
60) Diethylphthalate	15.541	149	554901	39.19	ng		96
61) 4-Chlorophenyl-phenyle...	15.764	204	315706	41.55	ng		97
62) 4-Nitroaniline	15.788	138	147211	51.27	ng	#	67
63) Azobenzene	16.058	77	506772	36.41	ng		91
65) 4,6-Dinitro-2-methylph...	15.840	198	99956	54.98	ng		86
66) n-Nitrosodiphenylamine	15.976	169	485691	36.91	ng		98
67) 4-Bromophenyl-phenylether	16.657	248	218863	39.54	ng		96
68) Hexachlorobenzene	16.775	284	236527	39.72	ng		91
69) Atrazine	16.922	200	206288	39.02	ng		98
70) Pentachlorophenol	17.115	266	154815	45.04	ng		91
71) Phenanthrene	17.515	178	933973	39.27	ng		98
72) Anthracene	17.603	178	914710	38.98	ng		98
73) Carbazole	17.873	167	845498	39.59	ng		99
74) Di-n-butylphthalate	18.426	149	999308	38.07	ng	#	98
75) Fluoranthene	19.518	202	1229454	40.59	ng		97
77) Benzidine	19.695	184	492184	33.30	ng		98
78) Pyrene	19.877	202	1226294	39.78	ng		99
80) Butylbenzylphthalate	20.758	149	478547	40.18	ng		89
81) Benzo(a)anthracene	21.728	228	1260735	39.38	ng		99
82) 3,3'-Dichlorobenzidine	21.640	252	456999	36.78	ng		99
83) Chrysene	21.798	228	1196060	39.10	ng		100
84) Bis(2-ethylhexyl)phtha...	21.628	149	673422	38.49	ng		96
85) Di-n-octyl phthalate	22.862	149	1126638	37.45	ng	#	96
87) Indeno(1,2,3-cd)pyrene	28.749	276	1435845	39.12	ng	#	89
88) Benzo(b)fluoranthene	23.978	252	1293278	39.78	ng	#	96
89) Benzo(k)fluoranthene	24.048	252	1212673	38.80	ng	#	97
90) Benzo(a)pyrene	24.865	252	1192853	38.99	ng	#	97
91) Dibenzo(a,h)anthracene	28.813	278	1157847	38.57	ng	#	95
92) Benzo(g,h,i)perylene	29.924	276	1143350	38.94	ng	#	93

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

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