Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100920\
Data File : BG046835.D
Acq On : 9 Oct 2020 15:42
Operator : CG/JU
Sample : L4309-04MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OWLS-HEAD-BH-04-BMS

Manual Integrations APPROVED
mohammad
10/13/2020 11:07:44 AM

Quant Time: Oct 09 16:59:35 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	8.105	152	61257	20.00	ng		0.00
21) Naphthalene-d8	10.920	136	226710	20.00	ng		# 0.00
39) Acenaphthene-d10	14.727	164	159987	20.00	ng		0.00
64) Phenanthrene-d10	17.471	188	392481	20.00	ng		0.00
76) Chrysene-d12	21.748	240	444108	20.00	ng		# 0.00
86) Perylene-d12	25.015	264	476114	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.667	112	353161	92.36	ng		0.00
7) Phenol-d6	7.259	99	488068	90.49	ng		0.00
23) Nitrobenzene-d5	9.269	82	335802	78.80	ng		0.00
42) 2,4,6-Tribromophenol	16.214	330	211199	100.12	ng		0.00
45) 2-Fluorobiphenyl	13.352	172	748442	66.23	ng		0.00
79) Terphenyl-d14	20.074	244	1397840	63.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.564	88	67786	37.99	ng	#	93
3) Pyridine	3.957	79	199188	39.46	ng		97
4) n-Nitrosodimethylamine	3.869	42	112698	42.67	ng	#	71
6) Aniline	7.424	93	96932	14.87	ng		95
8) 2-Chlorophenol	7.671	128	191581	50.28	ng		92
9) Benzaldehyde	7.236	77	50901	12.88	ng		83
10) Phenol	7.283	94	261669	48.74	ng		82
11) bis(2-Chloroethyl)ether	7.518	93	186184	44.87	ng		94
12) 1,3-Dichlorobenzene	7.994	146	225764	45.88	ng	#	93
13) 1,4-Dichlorobenzene	8.141	146	224835	46.11	ng		98
14) 1,2-Dichlorobenzene	8.458	146	214360	47.13	ng		95
15) Benzyl Alcohol	8.340	79	200482	45.21	ng		89
16) 2,2'-oxybis(1-Chloropr...	8.628	45	261666	35.94	ng		99
17) 2-Methylphenol	8.540	107	162621	47.17	ng	#	81
18) Hexachloroethane	9.192	117	79396	43.16	ng		97
19) n-Nitroso-di-n-propyla...	8.910	70	151930	41.08	ng		93
20) 3+4-Methylphenols	8.863	107	226697	48.25	ng		92
22) Acetophenone	8.928	105	294578	44.73	ng	#	93
24) Nitrobenzene	9.310	77	236908	50.93	ng	#	87
25) Isophorone	9.833	82	406790	43.73	ng		94
26) 2-Nitrophenol	10.021	139	107946	64.19	ng	#	78
27) 2,4-Dimethylphenol	10.074	122	178187	53.01	ng		91
28) bis(2-Chloroethoxy)met...	10.315	93	232334	40.49	ng		99
29) 2,4-Dichlorophenol	10.555	162	205088	50.72	ng		98
30) 1,2,4-Trichlorobenzene	10.779	180	223090	46.22	ng		99
31) Naphthalene	10.967	128	575167	46.77	ng		99
32) Benzoic acid	10.203	122	125466	52.77	ng	#	81
33) 4-Chloroaniline	11.067	127	56524	10.38	ng	#	94
34) Hexachlorobutadiene	11.255	225	166529	47.06	ng		96
35) Caprolactam	11.836	113	66967m	48.90	ng		
36) 4-Chloro-3-methylphenol	12.183	107	214316	49.30	ng		88
37) 2-Methylnaphthalene	12.565	142	420895	46.17	ng	#	96
38) 1-Methylnaphthalene	12.782	142	399397	47.20	ng	#	99
40) 1,2,4,5-Tetrachloroben...	12.929	216	275331	47.87	ng	#	98
41) Hexachlorocyclopentadiene	12.912	237	338414	101.16	ng		99
43) 2,4,6-Trichlorophenol	13.164	196	180884	50.01	ng		92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.235	196	192478	52.88	ng	#	92
46) 1,1'-Biphenyl	13.564	154	571847	46.49	ng		97
47) 2-Chloronaphthalene	13.611	162	441655	44.19	ng		98
48) 2-Nitroaniline	13.805	65	152843	57.60	ng	#	77
49) Acenaphthylene	14.451	152	685198	46.58	ng		98
50) Dimethylphthalate	14.181	163	662079	51.81	ng		98
51) 2,6-Dinitrotoluene	14.298	165	128702	61.97	ng	#	74
52) Acenaphthene	14.792	154	523408m	52.39	ng		
53) 3-Nitroaniline	14.621	138	46449	19.79	ng	#	84
54) 2,4-Dinitrophenol	14.827	184	153738	135.55	ng	#	73
55) Dibenzofuran	15.127	168	699265	46.36	ng		96
56) 4-Nitrophenol	14.927	139	236254	122.23	ng	#	64
57) 2,4-Dinitrotoluene	15.080	165	183677	66.79	ng	#	81
58) Fluorene	15.773	166	576295	47.71	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.350	232	193659	53.23	ng	#	94
60) Diethylphthalate	15.538	149	571964	44.52	ng		97
61) 4-Chlorophenyl-phenyle...	15.767	204	326483	47.35	ng		99
62) 4-Nitroaniline	15.791	138	127461	48.92	ng	#	62
63) Azobenzene	16.055	77	547016	43.31	ng		90
65) 4,6-Dinitro-2-methylph...	15.843	198	119664	73.45	ng		92
66) n-Nitrosodiphenylamine	15.979	169	529400	44.90	ng		97
67) 4-Bromophenyl-phenylether	16.660	248	224371	45.24	ng		95
68) Hexachlorobenzene	16.778	284	240057	44.99	ng		92
69) Atrazine	16.919	200	171117	36.12	ng		97
70) Pentachlorophenol	17.118	266	336110	109.12	ng		90
71) Phenanthrene	17.518	178	989911	46.45	ng		98
72) Anthracene	17.606	178	1000249	47.57	ng		99
73) Carbazole	17.870	167	906181	47.36	ng		98
74) Di-n-butylphthalate	18.429	149	1016596	43.23	ng	#	98
75) Fluoranthene	19.521	202	1342904	49.49	ng		97
77) Benzidine	19.692	184	306144	22.36	ng		99
78) Pyrene	19.880	202	1339253	46.91	ng		98
80) Butylbenzylphthalate	20.761	149	496101	44.97	ng		92
81) Benzo(a)anthracene	21.725	228	1368520	46.16	ng		99
82) 3,3'-Dichlorobenzidine	21.637	252	226411	19.67	ng		97
83) Chrysene	21.795	228	1316815	46.48	ng		99
84) Bis(2-ethylhexyl)phtha...	21.631	149	718439	44.34	ng		95
85) Di-n-octyl phthalate	22.865	149	1225220	43.97	ng	#	95
87) Indeno(1,2,3-cd)pyrene	28.758	276	1631727	46.32	ng	#	89
88) Benzo(b)fluoranthene	23.981	252	1432144	45.90	ng	#	98
89) Benzo(k)fluoranthene	24.046	252	1383404	46.12	ng	#	97
90) Benzo(a)pyrene	24.862	252	1310879	44.65	ng	#	97
91) Dibenzo(a,h)anthracene	28.828	278	1333227	46.27	ng	#	96
92) Benzo(g,h,i)perylene	29.927	276	1349974	47.91	ng	#	93

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

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