Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100920\
Data File : BG046836.D
Acq On : 9 Oct 2020 16:23
Operator : CG/JU
Sample : L4309-04MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
10/13/2020 11:07:47 AM

Quant Time: Oct 09 17:00:11 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	8.106	152	60301	20.00	ng		0.00
21) Naphthalene-d8	10.920	136	226807	20.00	ng		0.00
39) Acenaphthene-d10	14.728	164	157677	20.00	ng		0.00
64) Phenanthrene-d10	17.472	188	400437	20.00	ng		# 0.00
76) Chrysene-d12	21.749	240	460231	20.00	ng		# 0.00
86) Perylene-d12	25.016	264	482148	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.668	112	346966	92.18	ng		0.00
7) Phenol-d6	7.260	99	483705	91.10	ng		0.00
23) Nitrobenzene-d5	9.269	82	333063	78.12	ng		0.00
42) 2,4,6-Tribromophenol	16.214	330	214067	102.96	ng		0.00
45) 2-Fluorobiphenyl	13.353	172	743193	66.73	ng		0.00
79) Terphenyl-d14	20.074	244	1433323	62.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.559	88	64628	36.80	ng	#	89
3) Pyridine	3.952	79	191293	38.50	ng		95
4) n-Nitrosodimethylamine	3.870	42	109302	42.04	ng	#	73
6) Aniline	7.425	93	104025	16.21	ng		94
8) 2-Chlorophenol	7.665	128	189909	50.63	ng		95
9) Benzaldehyde	7.237	77	48333	12.16	ng		92
10) Phenol	7.284	94	259980	49.19	ng		80
11) bis(2-Chloroethyl)ether	7.519	93	180699	44.24	ng		96
12) 1,3-Dichlorobenzene	7.995	146	219961	45.41	ng	#	93
13) 1,4-Dichlorobenzene	8.141	146	217432	45.30	ng		97
14) 1,2-Dichlorobenzene	8.465	146	209960	46.90	ng		96
15) Benzyl Alcohol	8.341	79	193936	44.43	ng		90
16) 2,2'-oxybis(1-Chloropr...	8.635	45	259552	36.21	ng		100
17) 2-Methylphenol	8.541	107	166235	48.99	ng	#	91
18) Hexachloroethane	9.199	117	80293	44.34	ng		92
19) n-Nitroso-di-n-propyla...	8.905	70	150172	41.25	ng		95
20) 3+4-Methylphenols	8.864	107	216959	46.91	ng		94
22) Acetophenone	8.929	105	297948	45.23	ng	#	93
24) Nitrobenzene	9.311	77	234161	50.32	ng	#	86
25) Isophorone	9.834	82	400572	43.04	ng	#	94
26) 2-Nitrophenol	10.022	139	108144	64.28	ng	#	78
27) 2,4-Dimethylphenol	10.074	122	175106	52.07	ng		93
28) bis(2-Chloroethoxy)met...	10.315	93	234172	40.79	ng		96
29) 2,4-Dichlorophenol	10.556	162	202661	50.10	ng		97
30) 1,2,4-Trichlorobenzene	10.779	180	219617	45.48	ng		100
31) Naphthalene	10.967	128	564639	45.90	ng		100
32) Benzoic acid	10.204	122	129223	54.14	ng	#	81
33) 4-Chloroaniline	11.067	127	56513	10.37	ng	#	92
34) Hexachlorobutadiene	11.255	225	157079	44.37	ng		95
35) Caprolactam	11.837	113	67464m	49.24	ng		
36) 4-Chloro-3-methylphenol	12.178	107	211758	48.69	ng		85
37) 2-Methylnaphthalene	12.566	142	419104	45.95	ng	#	94
38) 1-Methylnaphthalene	12.783	142	396887m	46.88	ng		
40) 1,2,4,5-Tetrachloroben...	12.930	216	268348	47.34	ng	#	98
41) Hexachlorocyclopentadiene	12.912	237	323247	98.04	ng		99
43) 2,4,6-Trichlorophenol	13.165	196	180734	50.70	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.235	196	193220	53.86	ng	#	96
46) 1,1'-Biphenyl	13.564	154	573255	47.29	ng		95
47) 2-Chloronaphthalene	13.611	162	437922	44.46	ng		97
48) 2-Nitroaniline	13.805	65	150036	57.37	ng	#	83
49) Acenaphthylene	14.452	152	673953	46.49	ng		98
50) Dimethylphthalate	14.181	163	657089	52.17	ng		99
51) 2,6-Dinitrotoluene	14.299	165	130181	63.60	ng	#	73
52) Acenaphthene	14.792	154	515014m	52.31	ng		
53) 3-Nitroaniline	14.622	138	50372	21.78	ng	#	80
54) 2,4-Dinitrophenol	14.828	184	156379	139.89	ng	#	75
55) Dibenzofuran	15.127	168	698871	47.02	ng		97
56) 4-Nitrophenol	14.928	139	238903	125.41	ng	#	63
57) 2,4-Dinitrotoluene	15.080	165	189536	69.93	ng	#	85
58) Fluorene	15.774	166	575982	48.39	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.351	232	198590	55.38	ng	#	97
60) Diethylphthalate	15.539	149	571233	45.11	ng		96
61) 4-Chlorophenyl-phenyle...	15.762	204	326152	47.99	ng		99
62) 4-Nitroaniline	15.791	138	131510	51.21	ng	#	68
63) Azobenzene	16.056	77	544208	43.72	ng		91
65) 4,6-Dinitro-2-methylph...	15.844	198	120691	72.61	ng		87
66) n-Nitrosodiphenylamine	15.979	169	533482	44.35	ng		97
67) 4-Bromophenyl-phenylether	16.661	248	221518	43.78	ng		97
68) Hexachlorobenzene	16.778	284	240988	44.27	ng		93
69) Atrazine	16.919	200	173840	35.97	ng		97
70) Pentachlorophenol	17.119	266	343354	109.26	ng		92
71) Phenanthrene	17.513	178	1001181	46.05	ng		98
72) Anthracene	17.607	178	1011147	47.13	ng		99
73) Carbazole	17.871	167	923985	47.33	ng		98
74) Di-n-butylphthalate	18.429	149	1036555	43.20	ng	#	98
75) Fluoranthene	19.516	202	1375535	49.68	ng		98
77) Benzidine	19.693	184	313326	22.09	ng		97
78) Pyrene	19.881	202	1381554	46.70	ng		99
80) Butylbenzylphthalate	20.762	149	520167	45.50	ng		91
81) Benzo(a)anthracene	21.731	228	1405046	45.73	ng		98
82) 3,3'-Dichlorobenzidine	21.637	252	244939	20.54	ng		95
83) Chrysene	21.796	228	1345714	45.84	ng		99
84) Bis(2-ethylhexyl)phtha...	21.631	149	746309	44.44	ng		96
85) Di-n-octyl phthalate	22.865	149	1265961	43.84	ng	#	95
87) Indeno(1,2,3-cd)pyrene	28.753	276	1659814	46.53	ng	#	89
88) Benzo(b)fluoranthene	23.982	252	1511846	47.85	ng	#	98
89) Benzo(k)fluoranthene	24.052	252	1373471	45.21	ng	#	97
90) Benzo(a)pyrene	24.863	252	1339560	45.05	ng	#	97
91) Dibenzo(a,h)anthracene	28.823	278	1345575	46.11	ng	#	95
92) Benzo(g,h,i)perylene	29.922	276	1380597	48.38	ng	#	94

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

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