Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101320\
Data File : BG046884.D
Acq On : 13 Oct 2020 21:47
Operator : CG/JU
Sample : L4225-09MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-01-100920MS

Manual Integrations APPROVED
mohammad
10/14/2020 10:25:32 AM

Quant Time: Oct 14 01:06:23 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	8.111	152	64775	20.00	ng	0.00
21) Naphthalene-d8	10.913	136	251065	20.00	ng	# 0.00
39) Acenaphthene-d10	14.726	164	184972	20.00	ng	0.00
64) Phenanthrene-d10	17.470	188	451640	20.00	ng	# 0.00
76) Chrysene-d12	21.748	240	480288	20.00	ng	# 0.00
86) Perylene-d12	25.014	264	494372	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.666	112	480858	118.93	ng	0.00
7) Phenol-d6	7.259	99	577110	101.19	ng	0.00
23) Nitrobenzene-d5	9.268	82	494322	104.75	ng	0.00
42) 2,4,6-Tribromophenol	16.213	330	384638	157.70	ng	0.00
45) 2-Fluorobiphenyl	13.352	172	1141000	87.33	ng	0.00
79) Terphenyl-d14	20.073	244	2077935	86.71	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.575	88	56421	29.91	ng	# 20
3) Pyridine	3.974	79	155603	29.15	ng	# 93
4) n-Nitrosodimethylamine	3.874	42	100988	36.16	ng	# 67
6) Aniline	7.423	93	133369	19.35	ng	95
8) 2-Chlorophenol	7.670	128	188949	46.89	ng	91
9) Benzaldehyde	7.235	77	37887	6.87	ng	83
10) Phenol	7.288	94	215222	37.91	ng	79
11) bis(2-Chloroethyl)ether	7.517	93	182259	41.54	ng	93
12) 1,3-Dichlorobenzene	7.993	146	209458	40.26	ng	# 94
13) 1,4-Dichlorobenzene	8.140	146	214995	41.70	ng	97
14) 1,2-Dichlorobenzene	8.463	146	205758	42.79	ng	98
15) Benzyl Alcohol	8.340	79	201759	43.03	ng	91
16) 2,2'-oxybis(1-Chloropr...	8.639	45	263738	34.25	ng	98
17) 2-Methylphenol	8.540	107	163300	44.80	ng	# 90
18) Hexachloroethane	9.198	117	76775	39.47	ng	96
19) n-Nitroso-di-n-propyla...	8.910	70	163139	41.71	ng	98
20) 3+4-Methylphenols	8.869	107	221630	44.61	ng	92
22) Acetophenone	8.927	105	308618	42.32	ng	# 93
24) Nitrobenzene	9.309	77	243565	47.28	ng	89
25) Isophorone	9.832	82	432032	41.94	ng	# 94
26) 2-Nitrophenol	10.020	139	112659	60.50	ng	# 74
27) 2,4-Dimethylphenol	10.079	122	181897	48.87	ng	88
28) bis(2-Chloroethoxy)met...	10.314	93	251933	39.65	ng	97
29) 2,4-Dichlorophenol	10.555	162	216307	48.31	ng	95
30) 1,2,4-Trichlorobenzene	10.778	180	228903	42.83	ng	96
31) Naphthalene	10.966	128	589770	43.31	ng	99
32) Benzoic acid	10.208	122	116315	45.21	ng	# 71
33) 4-Chloroaniline	11.072	127	26821	4.45	ng	# 91
34) Hexachlorobutadiene	11.254	225	165058	42.12	ng	99
35) Caprolactam	11.842	113	51110m	33.70	ng	
36) 4-Chloro-3-methylphenol	12.182	107	230698	47.92	ng	89
37) 2-Methylnaphthalene	12.564	142	447624	44.34	ng	# 94
38) 1-Methylnaphthalene	12.782	142	424135	45.26	ng	# 99
40) 1,2,4,5-Tetrachloroben...	12.928	216	293448	44.13	ng	# 99
41) Hexachlorocyclopentadiene	12.911	237	354527	91.66	ng	97
43) 2,4,6-Trichlorophenol	13.164	196	203560	48.68	ng	90

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.234	196	213984	50.85	ng		96
46) 1,1'-Biphenyl	13.563	154	617854	43.45	ng		98
47) 2-Chloronaphthalene	13.610	162	480145	41.55	ng		97
48) 2-Nitroaniline	13.804	65	166739	54.35	ng	#	80
49) Acenaphthylene	14.450	152	739925	43.51	ng		99
50) Dimethylphthalate	14.180	163	716444	48.49	ng		99
51) 2,6-Dinitrotoluene	14.297	165	148360	61.79	ng	#	80
52) Acenaphthene	14.791	154	580276m	50.24	ng		
53) 3-Nitroaniline	14.627	138	54030	19.91	ng		88
54) 2,4-Dinitrophenol	14.832	184	184483	140.68	ng	#	76
55) Dibenzofuran	15.126	168	781796	44.83	ng		96
56) 4-Nitrophenol	14.926	139	223658	100.08	ng	#	62
57) 2,4-Dinitrotoluene	15.079	165	210302	66.14	ng	#	78
58) Fluorene	15.772	166	639656	45.81	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.349	232	216388	51.44	ng	#	96
60) Diethylphthalate	15.537	149	660762	44.48	ng		97
61) 4-Chlorophenyl-phenyle...	15.760	204	373010	46.79	ng		98
62) 4-Nitroaniline	15.790	138	137157	45.53	ng	#	74
63) Azobenzene	16.054	77	611270	41.86	ng		91
65) 4,6-Dinitro-2-methylph...	15.843	198	135274	72.16	ng		90
66) n-Nitrosodiphenylamine	15.978	169	594043	43.78	ng		97
67) 4-Bromophenyl-phenylether	16.659	248	256921	45.02	ng		97
68) Hexachlorobenzene	16.777	284	268403	43.71	ng		95
69) Atrazine	16.918	200	186702	34.25	ng		99
70) Pentachlorophenol	17.118	266	375398	105.91	ng		88
71) Phenanthrene	17.511	178	1098634	44.80	ng		97
72) Anthracene	17.605	178	1105346	45.68	ng		98
73) Carbazole	17.870	167	982217	44.61	ng		98
74) Di-n-butylphthalate	18.422	149	1133962	41.90	ng	#	97
75) Fluoranthene	19.515	202	1403112	44.93	ng		98
77) Benzidine	19.691	184	350338	23.66	ng		97
78) Pyrene	19.879	202	1404057	45.48	ng		98
80) Butylbenzylphthalate	20.760	149	536654	44.98	ng		93
81) Benzo(a)anthracene	21.724	228	1419799	44.28	ng		99
82) 3,3'-Dichlorobenzidine	21.636	252	281246	22.60	ng		96
83) Chrysene	21.795	228	1368065	44.65	ng		98
84) Bis(2-ethylhexyl)phtha...	21.624	149	759589	43.34	ng		98
85) Di-n-octyl phthalate	22.858	149	1288018	42.74	ng	#	95
87) Indeno(1,2,3-cd)pyrene	28.751	276	1693406	46.30	ng	#	90
88) Benzo(b)fluoranthene	23.980	252	1494202	46.12	ng	#	98
89) Benzo(k)fluoranthene	24.051	252	1448057	46.49	ng	#	97
90) Benzo(a)pyrene	24.862	252	1349940	44.28	ng	#	97
91) Dibenzo(a,h)anthracene	28.816	278	1388087	46.40	ng	#	94
92) Benzo(g,h,i)perylene	29.920	276	1401249	47.89	ng	#	93

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

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