Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091520\
Data File : BG046629.D
Acq On : 15 Sep 2020 18:07
Operator : CG/JU
Sample : L3867-06MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-02-091420MSD

Manual Integrations APPROVED
mohammad
9/16/2020 10:14:14 AM

Quant Time: Sep 15 18:57:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 15 13:09:36 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	78181	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	329410	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	219867	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	459169	20.00	ng	0.00
76) Chrysene-d12	21.54	240	488576	20.00	ng	0.00
86) Perylene-d12	24.64	264	497686	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	532237	120.58	ng	0.00
7) Phenol-d6	7.10	99	673965	107.71	ng	0.00
23) Nitrobenzene-d5	9.08	82	499371	86.64	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	306674	102.94	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1265668	87.88	ng	0.00
79) Terphenyl-d14	19.91	244	1742849	75.92	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.42	88	64733	35.250	ng	# 57
3) Pyridine	3.82	79	172814	32.163	ng	96
4) n-Nitrosodimethylamine	3.72	42	88194	44.505	ng	94
6) Aniline	7.25	93	235064	33.383	ng	100
8) 2-Chlorophenol	7.49	128	248121	53.185	ng	98
9) Benzaldehyde	7.05	77	90325	25.765	ng	96
10) Phenol	7.13	94	269625	46.783	ng	98
11) bis(2-Chloroethyl)ether	7.34	93	229164	49.467	ng	99
12) 1,3-Dichlorobenzene	7.81	146	258686	43.674	ng	99
13) 1,4-Dichlorobenzene	7.95	146	261821	44.154	ng	98
14) 1,2-Dichlorobenzene	8.28	146	258230	45.417	ng	100
15) Benzyl Alcohol	8.16	79	222398	55.359	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.45	45	345159	48.034	ng	99
17) 2-Methylphenol	8.37	107	219440	53.688	ng	98
18) Hexachloroethane	9.00	117	88050	43.794	ng	96
19) n-Nitroso-di-n-propylamine	8.73	70	195472	52.224	ng	98
20) 3+4-Methylphenols	8.70	107	301283	53.404	ng	99
22) Acetophenone	8.74	105	368430	45.947	ng	99
24) Nitrobenzene	9.12	77	270899	47.577	ng	95
25) Isophorone	9.65	82	537395	50.858	ng	99
26) 2-Nitrophenol	9.83	139	153047	50.945	ng	98
27) 2,4-Dimethylphenol	9.90	122	248363	60.109	ng	97
28) bis(2-Chloroethoxy)methane	10.13	93	330121	48.539	ng	99
29) 2,4-Dichlorophenol	10.37	162	287371	52.172	ng	100
30) 1,2,4-Trichlorobenzene	10.59	180	289318	44.269	ng	98
31) Naphthalene	10.77	128	768427	47.776	ng	98
32) Benzoic acid	10.06	122	55964	23.599	ng	98
33) 4-Chloroaniline	10.89	127	70628	9.958	ng	97
34) Hexachlorobutadiene	11.06	225	184475	43.482	ng	99
35) Caprolactam	11.66	113	59800m	29.044	ng	
36) 4-Chloro-3-methylphenol	12.01	107	266017	49.378	ng	94
37) 2-Methylnaphthalene	12.38	142	598318	47.168	ng	98
38) 1-Methylnaphthalene	12.60	142	568710	47.331	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	358485	49.443	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.73	237	368099	116.759	ng	99
43) 2,4,6-Trichlorophenol	12.99	196	244030	49.875	ng	99
44) 2,4,5-Trichlorophenol	13.07	196	250160	48.663	ng	99
46) 1,1'-Biphenyl	13.39	154	777038	50.796	ng	99
47) 2-Chloronaphthalene	13.43	162	610593	47.078	ng	100
48) 2-Nitroaniline	13.63	65	157291	43.674	ng	99
49) Acenaphthylene	14.28	152	938608	47.708	ng	100
50) Dimethylphthalate	14.01	163	734041	43.153	ng	100
51) 2,6-Dinitrotoluene	14.12	165	170284	45.414	ng	98
52) Acenaphthene	14.62	154	645327m	52.932	ng	
53) 3-Nitroaniline	14.46	138	93711	23.072	ng	99
54) 2,4-Dinitrophenol	14.67	184	148947	68.054	ng	98
55) Dibenzofuran	14.95	168	902719	46.138	ng	100
56) 4-Nitrophenol	14.78	139	221585	74.130	ng	99
57) 2,4-Dinitrotoluene	14.92	165	227271	42.509	ng	98
58) Fluorene	15.60	166	728508	44.363	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.19	232	221021	44.275	ng	99
60) Diethylphthalate	15.37	149	683718	41.226	ng	100
61) 4-Chlorophenyl-phenylether	15.59	204	400203	44.251	ng	96
62) 4-Nitroaniline	15.62	138	159717	37.268	ng	97
63) Azobenzene	15.89	77	603645	44.745	ng	98
65) 4,6-Dinitro-2-methylphenol	15.69	198	130384	50.168	ng	97
66) n-Nitrosodiphenylamine	15.81	169	632256	51.040	ng	99
67) 4-Bromophenyl-phenylether	16.49	248	269133	50.239	ng	98
68) Hexachlorobenzene	16.61	284	279038	47.033	ng	97
69) Atrazine	16.76	200	191705	37.935	ng	99
70) Pentachlorophenol	16.96	266	263653	85.056	ng	99
71) Phenanthrene	17.34	178	1108156	47.614	ng	99
72) Anthracene	17.43	178	1133753	49.374	ng	98
73) Carbazole	17.70	167	1055355	48.678	ng	100
74) Di-n-butylphthalate	18.27	149	1152843	46.243	ng	99
75) Fluoranthene	19.35	202	1420249	47.419	ng	100
77) Benzidine	19.53	184	247964	21.841	ng	99
78) Pyrene	19.71	202	1439398	46.265	ng	99
80) Butylbenzylphthalate	20.60	149	569103	46.896	ng	96
81) Benzo(a)anthracene	21.53	228	1416766	46.523	ng	99
82) 3,3'-Dichlorobenzidine	21.44	252	329243	29.133	ng	98
83) Chrysene	21.59	228	1371935	46.835	ng	99
84) Bis(2-ethylhexyl)phthalate	21.44	149	803664	48.528	ng	100
85) Di-n-octyl phthalate	22.61	149	1384933	48.839	ng	100
87) Indeno(1,2,3-cd)pyrene	28.15	276	1768639	49.479	ng	100
88) Benzo(b)fluoranthene	23.66	252	1493674	48.065	ng	98
89) Benzo(k)fluoranthene	23.73	252	1459427	48.593	ng	98
90) Benzo(a)pyrene	24.50	252	1366401	47.116	ng	99
91) Dibenzo(a,h)anthracene	28.21	278	1439735	49.913	ng	99
92) Benzo(g,h,i)perylene	29.25	276	1466953	50.928	ng	98

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

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