Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030320\
Data File : BG044667.D
Acq On : 3 Mar 2020 18:11
Operator : CG/JU
Sample : L1369-06MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PL-02-022820MSD

Manual Integrations APPROVED
mohammad
3/4/2020 2:47:30 PM

Quant Time: Mar 04 04:20:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 24 16:11:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	52156m	20.00	ng		-0.07
21) Naphthalene-d8	10.61	136	223389	20.00	ng		-0.07
39) Acenaphthene-d10	14.46	164	165079	20.00	ng		-0.06
64) Phenanthrene-d10	17.20	188	394483	20.00	ng		-0.06
76) Chrysene-d12	21.44	240	371398	20.00	ng		-0.06
87) Perylene-d12	24.46	264	422860	20.00	ng		-0.11
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	451951	139.03	ng		-0.06
7) Phenol-d6	6.99	99	572375	128.64	ng		-0.06
23) Nitrobenzene-d5	8.97	82	394904	91.07	ng		-0.06
42) 2,4,6-Tribromophenol	15.95	330	348072	148.70	ng		-0.06
45) 2-Fluorobiphenyl	13.08	172	982128	85.20	ng		-0.06
79) Terphenyl-d14	19.82	244	1772989	90.37	ng		-0.06
Target Compounds							Qvalue
2) 1,4-Dioxane	3.24	88	50944	35.914	ng	#	54
3) Pyridine	3.65	79	106383	26.878	ng		97
4) n-Nitrosodimethylamine	3.56	42	65937	43.862	ng		100
6) Aniline	7.13	93	105156	19.411	ng		97
8) 2-Chlorophenol	7.37	128	180535	50.877	ng		97
9) Benzaldehyde	6.94	77	41740	15.953	ng		97
10) Phenol	7.02	94	195767	45.401	ng		98
11) bis(2-Chloroethyl)ether	7.23	93	164609	45.410	ng		96
12) 1,3-Dichlorobenzene	7.70	146	181889	42.976	ng		98
13) 1,4-Dichlorobenzene	7.84	146	190892	44.879	ng		99
14) 1,2-Dichlorobenzene	8.16	146	181757	44.934	ng		99
15) Benzyl Alcohol	8.05	79	152543	50.833	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.34	45	215201	44.174	ng		97
17) 2-Methylphenol	8.26	107	153950	49.977	ng		97
18) Hexachloroethane	8.89	117	64466	41.472	ng		96
19) n-Nitroso-di-n-propylamine	8.61	70	134873	47.156	ng		98
20) 3+4-Methylphenols	8.59	107	212282	50.335	ng		100
22) Acetophenone	8.63	105	253443	45.189	ng	#	98
24) Nitrobenzene	9.01	77	189068	45.006	ng		100
25) Isophorone	9.53	82	386233	47.615	ng		99
26) 2-Nitrophenol	9.72	139	107408	47.145	ng		97
27) 2,4-Dimethylphenol	9.80	122	182178	56.951	ng		99
28) bis(2-Chloroethoxy)methane	10.02	93	234199	43.659	ng		99
29) 2,4-Dichlorophenol	10.27	162	196091	51.273	ng		99
30) 1,2,4-Trichlorobenzene	10.47	180	192234	43.463	ng		99
31) Naphthalene	10.65	128	548678	45.012	ng		99
32) Benzoic acid	9.97	122	95091	63.131	ng		96
33) 4-Chloroaniline	10.78	127	20488	3.816	ng		97
34) Hexachlorobutadiene	10.95	225	111789	40.246	ng		99
35) Caprolactam	11.54	113	63103m	46.091	ng		
36) 4-Chloro-3-methylphenol	11.92	107	213034	54.115	ng		98
37) 2-Methylnaphthalene	12.27	142	422063	46.850	ng		97
38) 1-Methylnaphthalene	12.49	142	406634	47.503	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	222054	39.956	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.63	237	215519	81.218 ng	99
43) 2,4,6-Trichlorophenol	12.89	196	171981	47.660 ng	99
44) 2,4,5-Trichlorophenol	12.97	196	185717	50.102 ng	98
46) 1,1'-Biphenyl	13.29	154	565017	41.360 ng	99
47) 2-Chloronaphthalene	13.33	162	443130	41.366 ng	99
48) 2-Nitroaniline	13.53	65	136389	45.866 ng	96
49) Acenaphthylene	14.18	152	720658	45.574 ng	100
50) Dimethylphthalate	13.92	163	631890	47.425 ng	99
51) 2,6-Dinitrotoluene	14.03	165	142515	48.498 ng	99
52) Acenaphthene	14.53	154	442441	43.893 ng	99
53) 3-Nitroaniline	14.36	138	42110	13.287 ng	92
54) 2,4-Dinitrophenol	14.58	184	179213	99.742 ng	97
55) Dibenzofuran	14.86	168	714445	46.233 ng	99
56) 4-Nitrophenol	14.70	139	237953	109.154 ng	97
57) 2,4-Dinitrotoluene	14.83	165	205427	49.724 ng	98
58) Fluorene	15.51	166	582420	47.535 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.09	232	176372	51.669 ng	99
60) Diethylphthalate	15.29	149	620955	47.035 ng	98
61) 4-Chlorophenyl-phenylether	15.51	204	309271	46.423 ng	98
62) 4-Nitroaniline	15.53	138	133589	42.097 ng	98
63) Azobenzene	15.80	77	529399	47.119 ng	98
65) 4,6-Dinitro-2-methylphenol	15.59	198	135654	55.537 ng	97
66) n-Nitrosodiphenylamine	15.72	169	552028	44.862 ng	99
67) 4-Bromophenyl-phenylether	16.40	248	215169	43.942 ng	96
68) Hexachlorobenzene	16.52	284	239139	43.196 ng	96
69) Atrazine	16.67	200	191196	42.030 ng	99
70) Pentachlorophenol	16.86	266	267249	96.956 ng	96
71) Phenanthrene	17.25	178	986787	45.183 ng	99
72) Anthracene	17.34	178	1009752	46.915 ng	98
73) Carbazole	17.61	167	907197	46.307 ng	99
74) Di-n-butylphthalate	18.17	149	1093904	44.559 ng	99
75) Fluoranthene	19.26	202	1203049	46.533 ng	99
78) Pyrene	19.62	202	1212635	44.979 ng	98
80) Butylbenzylphthalate	20.52	149	517091	43.848 ng	98
81) Benzo(a)anthracene	21.42	228	1190927	45.624 ng	99
82) 3,3'-Dichlorobenzidine	21.34	252	141391	13.711 ng	100
83) Chrysene	21.49	228	1129929	44.771 ng	97
84) Bis(2-ethylhexyl)phthalate	21.35	149	735093	45.239 ng	98
85) Di-n-octyl phthalate	22.49	149	1265334	44.260 ng	99
86) Indeno(1,2,3-cd)pyrene	27.89	276	1495175	46.163 ng	99
88) Benzo(b)fluoranthene	23.51	252	1272618	45.774 ng	99
89) Benzo(k)fluoranthene	23.57	252	1218784	45.180 ng	100
90) Benzo(a)pyrene	24.33	252	1152304	44.113 ng	99
91) Dibenzo(a,h)anthracene	27.94	278	1228615	47.558 ng	99
92) Benzo(g,h,i)perylene	28.94	276	1243630	48.048 ng	99

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

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