Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110819\
Data File : BG043581.D
Acq On : 8 Nov 2019 22:32
Operator : JU
Sample : K5742-12MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-38-(2-4)MSD

Manual Integrations APPROVED
mohammad
11/11/2019 4:52:05 PM

Quant Time: Nov 11 03:51:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 04 15:22:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	28015	20.00	ng		0.00
21) Naphthalene-d8	10.81	136	106898	20.00	ng		0.00
39) Acenaphthene-d10	14.63	164	78422	20.00	ng		0.00
64) Phenanthrene-d10	17.38	188	192291	20.00	ng		0.00
76) Chrysene-d12	21.65	240	194731	20.00	ng		0.00
87) Perylene-d12	24.84	264	230364	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	226749	148.32	ng		0.01
7) Phenol-d6	7.21	99	322822	146.76	ng		0.01
23) Nitrobenzene-d5	9.17	82	194237	93.68	ng		0.00
42) 2,4,6-Tribromophenol	16.13	330	207840	139.27	ng		0.00
45) 2-Fluorobiphenyl	13.26	172	501403	88.35	ng		0.00
79) Terphenyl-d14	19.99	244	967346	93.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.46	88	24105	40.460	ng	#	94
3) Pyridine	3.86	79	62108	41.326	ng		89
4) n-Nitrosodimethylamine	3.78	42	39270	51.783	ng		88
6) Aniline	7.34	93	55883	22.054	ng		97
8) 2-Chlorophenol	7.58	128	85591	50.716	ng		96
9) Benzaldehyde	7.14	77	43770	40.491	ng		97
10) Phenol	7.24	94	118961	59.184	ng		96
11) bis(2-Chloroethyl)ether	7.42	93	72043	46.359	ng		92
12) 1,3-Dichlorobenzene	7.89	146	96388	45.585	ng		97
13) 1,4-Dichlorobenzene	8.04	146	97804	45.717	ng		97
14) 1,2-Dichlorobenzene	8.36	146	94340	45.164	ng		97
15) Benzyl Alcohol	8.25	79	77255	50.010	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.53	45	96752	42.817	ng		97
17) 2-Methylphenol	8.48	107	75976	51.850	ng		97
18) Hexachloroethane	9.09	117	33962	44.001	ng		98
19) n-Nitroso-di-n-propylamine	8.81	70	63366	44.581	ng		95
20) 3+4-Methylphenols	8.81	107	100843	50.188	ng		91
22) Acetophenone	8.83	105	127095	46.427	ng	#	92
24) Nitrobenzene	9.21	77	96844	49.029	ng	#	95
25) Isophorone	9.73	82	180518	47.619	ng		99
26) 2-Nitrophenol	9.92	139	50442	52.896	ng		94
27) 2,4-Dimethylphenol	10.00	122	82385	60.277	ng		98
28) bis(2-Chloroethoxy)methane	10.21	93	95866	45.819	ng		98
29) 2,4-Dichlorophenol	10.48	162	92248	52.676	ng		97
30) 1,2,4-Trichlorobenzene	10.67	180	104166	47.194	ng		99
31) Naphthalene	10.86	128	268383	49.462	ng		98
32) Benzoic acid	10.19	122	44953	44.003	ng		97
33) 4-Chloroaniline	10.98	127	29002	13.039	ng	#	97
34) Hexachlorobutadiene	11.14	225	72501	44.436	ng		98
35) Caprolactam	11.75	113	30469m	50.518	ng		
36) 4-Chloro-3-methylphenol	12.12	107	102681	53.754	ng		98
37) 2-Methylnaphthalene	12.47	142	207246	49.779	ng		98
38) 1-Methylnaphthalene	12.68	142	198871	50.203	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	134082	46.199	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	124380	81.583	ng		98
43) 2,4,6-Trichlorophenol	13.08	196	84878	49.660	ng		97
44) 2,4,5-Trichlorophenol	13.17	196	91739	53.091	ng		94
46) 1,1'-Biphenyl	13.47	154	281142	47.125	ng		98
47) 2-Chloronaphthalene	13.51	162	213584	47.052	ng		99
48) 2-Nitroaniline	13.72	65	68442	50.447	ng		96
49) Acenaphthylene	14.36	152	367055	51.956	ng		100
50) Dimethylphthalate	14.09	163	349118	57.474	ng		98
51) 2,6-Dinitrotoluene	14.21	165	65348	49.520	ng		96
52) Acenaphthene	14.70	154	213173	49.479	ng		99
53) 3-Nitroaniline	14.56	138	26455	20.764	ng		95
54) 2,4-Dinitrophenol	14.76	184	58652	71.979	ng		97
55) Dibenzofuran	15.03	168	352666	50.477	ng		97
56) 4-Nitrophenol	14.90	139	91045	106.635	ng		92
57) 2,4-Dinitrotoluene	15.00	165	94048	49.869	ng	#	94
58) Fluorene	15.69	166	296654	50.625	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.27	232	92943	50.626	ng		95
60) Diethylphthalate	15.45	149	290850	47.654	ng		99
61) 4-Chlorophenyl-phenylether	15.67	204	167061	48.870	ng		98
62) 4-Nitroaniline	15.71	138	59899	45.523	ng		97
63) Azobenzene	15.97	77	253089	51.237	ng		97
65) 4,6-Dinitro-2-methylphenol	15.77	198	53813	47.553	ng		95
66) n-Nitrosodiphenylamine	15.89	169	265815	48.963	ng		97
67) 4-Bromophenyl-phenylether	16.57	248	119367	46.127	ng		95
68) Hexachlorobenzene	16.69	284	135207	45.517	ng		97
69) Atrazine	16.84	200	115947	61.464	ng		96
70) Pentachlorophenol	17.04	266	121269	89.594	ng		97
71) Phenanthrene	17.42	178	475275	48.267	ng		99
72) Anthracene	17.52	178	497559	50.504	ng		98
73) Carbazole	17.79	167	441669	49.506	ng		98
74) Di-n-butylphthalate	18.34	149	514856	47.561	ng		98
75) Fluoranthene	19.43	202	613693	47.806	ng		99
77) Benzidine	19.62	184	182389	46.539	ng		100
78) Pyrene	19.80	202	623775	51.750	ng		100
80) Butylbenzylphthalate	20.68	149	227098	49.730	ng		99
81) Benzo(a)anthracene	21.63	228	622779	51.057	ng		99
82) 3,3'-Dichlorobenzidine	21.55	252	125699	26.643	ng		99
83) Chrysene	21.70	228	610162	50.346	ng		98
84) Bis(2-ethylhexyl)phthalate	21.53	149	328768	50.681	ng		100
85) Di-n-octyl phthalate	22.72	149	566737	51.495	ng		100
86) Indeno(1,2,3-cd)pyrene	28.48	276	785995	51.666	ng	#	99
88) Benzo(b)fluoranthene	23.83	252	638743	48.957	ng		100
89) Benzo(k)fluoranthene	23.89	252	651218	49.580	ng		98
90) Benzo(a)pyrene	24.69	252	611719	49.098	ng		98
91) Dibenzo(a,h)anthracene	28.53	278	662722	52.004	ng		98
92) Benzo(g,h,i)perylene	29.62	276	662027	52.665	ng		99

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

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