Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG093019\
Data File : BG042964.D
Acq On : 1 Oct 2019 5:46
Operator : JU
Sample : K4657-03MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BU-02-092419MSD

Manual Integrations APPROVED
mohammad
10/2/2019 8:33:30 AM

Quant Time: Oct 01 08:18:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 25 15:35:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	69719	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	248095	20.00	ng		0.00
39) Acenaphthene-d10	14.69	164	178966	20.00	ng		0.00
64) Phenanthrene-d10	17.43	188	430388	20.00	ng		0.00
76) Chrysene-d12	21.70	240	482101	20.00	ng		-0.01
87) Perylene-d12	24.93	264	526973	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	531170	135.97	ng		0.00
7) Phenol-d6	7.25	99	757416	134.63	ng		0.00
23) Nitrobenzene-d5	9.23	82	481391	94.31	ng		0.00
42) 2,4,6-Tribromophenol	16.18	330	440024	142.98	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	1144827	92.74	ng		0.00
79) Terphenyl-d14	20.04	244	2213283	97.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	61556	37.792	ng	#	53
3) Pyridine	3.97	79	93910	20.499	ng		96
4) n-Nitrosodimethylamine	3.87	42	98698	44.801	ng	#	96
6) Aniline	7.40	93	93067	13.704	ng		98
8) 2-Chlorophenol	7.64	128	196922	48.335	ng		99
9) Benzaldehyde	7.21	77	42333	12.314	ng		86
10) Phenol	7.27	94	261841	50.729	ng		94
11) bis(2-Chloroethyl)ether	7.49	93	175410	43.923	ng		98
12) 1,3-Dichlorobenzene	7.96	146	215358	41.437	ng		99
13) 1,4-Dichlorobenzene	8.11	146	219207	42.309	ng		98
14) 1,2-Dichlorobenzene	8.43	146	205022	41.565	ng		96
15) Benzyl Alcohol	8.31	79	200562	47.418	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.60	45	300048	39.122	ng		99
17) 2-Methylphenol	8.52	107	175692	48.647	ng		95
18) Hexachloroethane	9.16	117	80707	41.362	ng		97
19) n-Nitroso-di-n-propylamine	8.88	70	161008	43.586	ng		97
20) 3+4-Methylphenols	8.84	107	236205	47.725	ng		98
22) Acetophenone	8.90	105	299157	46.779	ng	#	98
24) Nitrobenzene	9.27	77	243922	50.100	ng		99
25) Isophorone	9.79	82	445451	49.683	ng		99
26) 2-Nitrophenol	9.98	139	112566	54.311	ng		100
27) 2,4-Dimethylphenol	10.05	122	187976	59.057	ng		94
28) bis(2-Chloroethoxy)methane	10.28	93	241507	47.476	ng		99
29) 2,4-Dichlorophenol	10.52	162	213563	53.949	ng		98
30) 1,2,4-Trichlorobenzene	10.73	180	239535	46.857	ng		97
31) Naphthalene	10.92	128	606877	49.692	ng		99
32) Benzoic acid	10.19	122	129080	51.349	ng		96
33) 4-Chloroaniline	11.03	127	27733	5.233	ng		93
34) Hexachlorobutadiene	11.22	225	174802	45.668	ng		97
35) Caprolactam	11.82	113	69158m	49.540	ng		
36) 4-Chloro-3-methylphenol	12.16	107	233460	54.241	ng		98
37) 2-Methylnaphthalene	12.53	142	460046	49.378	ng		97
38) 1-Methylnaphthalene	12.74	142	429702	48.742	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	300829	44.706	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	408315	95.236	ng		97
43) 2,4,6-Trichlorophenol	13.13	196	203781	51.741	ng		99
44) 2,4,5-Trichlorophenol	13.21	196	213993	52.743	ng		98
46) 1,1'-Biphenyl	13.53	154	614984	45.313	ng		99
47) 2-Chloronaphthalene	13.57	162	481556	47.325	ng		99
48) 2-Nitroaniline	13.77	65	163584	48.343	ng		97
49) Acenaphthylene	14.41	152	772726	49.629	ng		100
50) Dimethylphthalate	14.15	163	778432	58.052	ng		100
51) 2,6-Dinitrotoluene	14.26	165	146670	51.362	ng		99
52) Acenaphthene	14.75	154	472329	45.322	ng		99
53) 3-Nitroaniline	14.59	138	71036	24.071	ng	#	96
54) 2,4-Dinitrophenol	14.79	184	209419	117.983	ng		97
55) Dibenzofuran	15.09	168	758017	49.169	ng		100
56) 4-Nitrophenol	14.91	139	254698	113.272	ng		97
57) 2,4-Dinitrotoluene	15.05	165	214283	51.242	ng		99
58) Fluorene	15.73	166	647186	49.170	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.32	232	227222	52.598	ng		98
60) Diethylphthalate	15.51	149	653931	47.919	ng		100
61) 4-Chlorophenyl-phenylether	15.73	204	377929	47.877	ng		98
62) 4-Nitroaniline	15.76	138	149774	46.535	ng		96
63) Azobenzene	16.02	77	584420	47.038	ng		98
65) 4,6-Dinitro-2-methylphenol	15.81	198	145061	59.563	ng		95
66) n-Nitrosodiphenylamine	15.94	169	571770	50.325	ng		96
67) 4-Bromophenyl-phenylether	16.62	248	263842	48.843	ng		98
68) Hexachlorobenzene	16.74	284	285879	47.531	ng		98
69) Atrazine	16.89	200	211092	44.121	ng		94
70) Pentachlorophenol	17.09	266	394180	113.579	ng		98
71) Phenanthrene	17.47	178	1042643	49.622	ng		97
72) Anthracene	17.57	178	1060755	50.569	ng		99
73) Carbazole	17.84	167	1010009	51.924	ng		99
74) Di-n-butylphthalate	18.39	149	1167891	50.322	ng		99
75) Fluoranthene	19.48	202	1433524	51.581	ng		99
77) Benzidine	19.67	184	56528	4.683	ng	#	95
78) Pyrene	19.84	202	1440876	50.074	ng		97
80) Butylbenzylphthalate	20.73	149	556113	50.916	ng		99
81) Benzo(a)anthracene	21.69	228	1490106	49.605	ng		98
82) 3,3'-Dichlorobenzidine	21.60	252	302694	25.692	ng		99
83) Chrysene	21.75	228	1458537	50.034	ng		98
84) Bis(2-ethylhexyl)phthalate	21.59	149	783844	50.435	ng		100
85) Di-n-octyl phthalate	22.81	149	1321389	51.995	ng		99
86) Indeno(1,2,3-cd)pyrene	28.61	276	1857117	51.174	ng		99
88) Benzo(b)fluoranthene	23.91	252	1599191	53.633	ng		99
89) Benzo(k)fluoranthene	23.98	252	1533570	51.989	ng		100
90) Benzo(a)pyrene	24.78	252	1521241	54.076	ng		99
91) Dibenzo(a,h)anthracene	28.68	278	1564054	54.219	ng		98
92) Benzo(g,h,i)perylene	29.75	276	1551534	55.511	ng		97

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

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