Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010320\
Data File : BG043894.D
Acq On : 3 Jan 2020 19:15
Operator : JU
Sample : K6464-04MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-1MS

Manual Integrations APPROVED
mohammad
1/6/2020 11:41:46 AM

Quant Time: Jan 04 04:50:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	136737	20.00	ng		0.00
21) Naphthalene-d8	10.77	136	594732	20.00	ng		0.00
39) Acenaphthene-d10	14.59	164	398590	20.00	ng		0.00
64) Phenanthrene-d10	17.34	188	837133	20.00	ng		0.00
76) Chrysene-d12	21.59	240	700540	20.00	ng		0.00
87) Perylene-d12	24.72	264	817218	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	529080	71.05	ng		0.00
7) Phenol-d6	7.12	99	462128	44.39	ng		0.00
23) Nitrobenzene-d5	9.12	82	989638	89.02	ng		0.00
42) 2,4,6-Tribromophenol	16.08	330	617382	148.01	ng		0.00
45) 2-Fluorobiphenyl	13.22	172	2036665	92.58	ng		0.00
79) Terphenyl-d14	19.95	244	2656372	93.95	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	55362	17.050	ng		94
3) Pyridine	3.83	79	115354	12.026	ng		97
4) n-Nitrosodimethylamine	3.75	42	74924	17.544	ng	#	95
6) Aniline	7.28	93	183496	13.421	ng		100
8) 2-Chlorophenol	7.53	128	365162	41.768	ng		99
9) Benzaldehyde	7.10	77	311458	46.749	ng		97
10) Phenol	7.15	94	182799	17.044	ng		99
11) bis(2-Chloroethyl)ether	7.38	93	441979	47.740	ng		97
12) 1,3-Dichlorobenzene	7.85	146	405292	39.615	ng		98
13) 1,4-Dichlorobenzene	8.00	146	408427	40.460	ng		99
14) 1,2-Dichlorobenzene	8.32	146	399125	41.193	ng		99
15) Benzyl Alcohol	8.19	79	234692	28.567	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.50	45	642236	44.839	ng		99
17) 2-Methylphenol	8.41	107	264934	34.135	ng		97
18) Hexachloroethane	9.05	117	149396	38.035	ng		98
19) n-Nitroso-di-n-propylamine	8.77	70	367620	47.421	ng		96
20) 3+4-Methylphenols	8.73	107	324201	29.943	ng		97
22) Acetophenone	8.78	105	656967	44.433	ng		98
24) Nitrobenzene	9.16	77	504564	45.824	ng		99
25) Isophorone	9.69	82	994091	47.662	ng		99
26) 2-Nitrophenol	9.87	139	248795	47.759	ng		97
27) 2,4-Dimethylphenol	9.94	122	397337	50.669	ng		99
28) bis(2-Chloroethoxy)methane	10.17	93	629313	45.258	ng		99
29) 2,4-Dichlorophenol	10.41	162	432134	46.199	ng		97
30) 1,2,4-Trichlorobenzene	10.63	180	413979	39.472	ng		98
31) Naphthalene	10.81	128	1284583	44.635	ng		100
32) Benzoic acid	10.02	122	61586	14.648	ng		96
33) 4-Chloroaniline	10.91	127	141476	10.306	ng		97
34) Hexachlorobutadiene	11.11	225	226036	35.299	ng		100
35) Caprolactam	11.69	113	23691m	6.804	ng		
36) 4-Chloro-3-methylphenol	12.04	107	441628	44.350	ng		97
37) 2-Methylnaphthalene	12.42	142	983831	45.406	ng		99
38) 1-Methylnaphthalene	12.64	142	948540	46.190	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	473669	40.545	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	551440	91.045	ng		99
43) 2,4,6-Trichlorophenol	13.02	196	371839	46.257	ng		98
44) 2,4,5-Trichlorophenol	13.09	196	391596	47.232	ng		98
46) 1,1'-Biphenyl	13.43	154	1272928	44.542	ng		98
47) 2-Chloronaphthalene	13.47	162	994801	43.078	ng		99
48) 2-Nitroaniline	13.66	65	332685	44.786	ng		99
49) Acenaphthylene	14.32	152	1572700	47.382	ng		99
50) Dimethylphthalate	14.05	163	1374701	48.573	ng		99
51) 2,6-Dinitrotoluene	14.16	165	315079	49.256	ng		97
52) Acenaphthene	14.66	154	1044411	44.869	ng		98
53) 3-Nitroaniline	14.49	138	77757	10.704	ng	#	99
54) 2,4-Dinitrophenol	14.69	184	310318	94.180	ng		96
55) Dibenzofuran	14.99	168	1526451	47.637	ng		98
56) 4-Nitrophenol	14.80	139	210421	37.801	ng		93
57) 2,4-Dinitrotoluene	14.95	165	424355	48.753	ng		97
58) Fluorene	15.64	166	1212133	47.726	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.22	232	356425	49.995	ng		99
60) Diethylphthalate	15.42	149	1371853	48.463	ng		100
61) 4-Chlorophenyl-phenylether	15.64	204	640333	46.432	ng		99
62) 4-Nitroaniline	15.66	138	291975	40.702	ng		97
63) Azobenzene	15.93	77	1296735	49.396	ng		98
65) 4,6-Dinitro-2-methylphenol	15.71	198	229510	52.735	ng		98
66) n-Nitrosodiphenylamine	15.85	169	1162231	47.145	ng		99
67) 4-Bromophenyl-phenylether	16.53	248	421734	44.793	ng		99
68) Hexachlorobenzene	16.65	284	442235	43.591	ng		98
69) Atrazine	16.80	200	435345	54.327	ng		99
70) Pentachlorophenol	16.99	266	556356	99.482	ng		99
71) Phenanthrene	17.38	178	1898416	47.279	ng		98
72) Anthracene	17.47	178	1946745	49.058	ng		96
73) Carbazole	17.74	167	1800276	49.113	ng		98
74) Di-n-butylphthalate	18.31	149	2143543	45.802	ng		98
75) Fluoranthene	19.39	202	2123452	46.242	ng		96
77) Benzidine	19.56	184	587868	33.385	ng		99
78) Pyrene	19.75	202	2145627	46.923	ng		98
80) Butylbenzylphthalate	20.64	149	1050346	48.247	ng		98
81) Benzo(a)anthracene	21.57	228	2050497	47.205	ng		98
82) 3,3'-Dichlorobenzidine	21.48	252	417220	24.311	ng		98
83) Chrysene	21.64	228	1966318	47.639	ng		98
84) Bis(2-ethylhexyl)phthalate	21.50	149	1479083	49.239	ng		98
85) Di-n-octyl phthalate	22.69	149	2506259	49.629	ng		99
86) Indeno(1,2,3-cd)pyrene	28.27	276	2687506	47.912	ng	#	93
88) Benzo(b)fluoranthene	23.73	252	2232377	46.208	ng		99
89) Benzo(k)fluoranthene	23.80	252	2158884	46.992	ng		97
90) Benzo(a)pyrene	24.57	252	2084817	45.722	ng		100
91) Dibenzo(a,h)anthracene	28.34	278	2195940	47.953	ng		99
92) Benzo(g,h,i)perylene	29.37	276	2241311	49.273	ng		99

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

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