Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010320\
Data File : BG043895.D
Acq On : 3 Jan 2020 19:54
Operator : JU
Sample : K6464-05MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-1MSD

Manual Integrations APPROVED
mohammad
1/6/2020 11:41:48 AM

Quant Time: Jan 04 04:51:20 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	7.97	152	141819	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	607709	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	407983	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	860757	20.00	ng	0.00
76) Chrysene-d12	21.59	240	719606	20.00	ng	0.00
87) Perylene-d12	24.72	264	833525	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	579554	75.03	ng	0.00
7) Phenol-d6	7.13	99	511409	47.37	ng	0.00
23) Nitrobenzene-d5	9.12	82	1053863	92.77	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	653489	153.06	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	2150378	95.49	ng	0.00
79) Terphenyl-d14	19.95	244	2716252	93.35	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.44	88	66469	19.737	ng	97
3) Pyridine	3.83	79	164184	16.503	ng	97
4) n-Nitrosodimethylamine	3.74	42	90766	20.492	ng	93
6) Aniline	7.28	93	220727	15.565	ng	98
8) 2-Chlorophenol	7.53	128	404228	44.579	ng	99
9) Benzaldehyde	7.10	77	340176	49.229	ng	99
10) Phenol	7.15	94	211998	19.058	ng	97
11) bis(2-Chloroethyl)ether	7.38	93	485254	50.536	ng	99
12) 1,3-Dichlorobenzene	7.85	146	436609	41.147	ng	99
13) 1,4-Dichlorobenzene	8.00	146	442887	42.302	ng	99
14) 1,2-Dichlorobenzene	8.32	146	432688	43.057	ng	97
15) Benzyl Alcohol	8.19	79	287148	33.699	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.49	45	690521	46.483	ng	99
17) 2-Methylphenol	8.41	107	299587	37.216	ng	100
18) Hexachloroethane	9.05	117	161120	39.550	ng	98
19) n-Nitroso-di-n-propylamine	8.77	70	401624	49.951	ng	97
20) 3+4-Methylphenols	8.74	107	363335	32.355	ng	99
22) Acetophenone	8.78	105	705579	46.702	ng	98
24) Nitrobenzene	9.16	77	546631	48.584	ng	98
25) Isophorone	9.69	82	1082639	50.799	ng	99
26) 2-Nitrophenol	9.88	139	274222	51.516	ng	97
27) 2,4-Dimethylphenol	9.94	122	433310	54.077	ng	97
28) bis(2-Chloroethoxy)methane	10.17	93	686118	48.289	ng	99
29) 2,4-Dichlorophenol	10.41	162	473986	49.591	ng	99
30) 1,2,4-Trichlorobenzene	10.63	180	451696	42.148	ng	99
31) Naphthalene	10.82	128	1381272	46.969	ng	99
32) Benzoic acid	10.03	122	80274	16.959	ng	100
33) 4-Chloroaniline	10.91	127	142747	10.177	ng	99
34) Hexachlorobutadiene	11.11	225	246600	37.688	ng	96
35) Caprolactam	11.68	113	31790m	8.935	ng	
36) 4-Chloro-3-methylphenol	12.04	107	483330	47.502	ng	100
37) 2-Methylnaphthalene	12.43	142	1066261	48.160	ng	99
38) 1-Methylnaphthalene	12.64	142	1027292	48.957	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.80	216	517026	43.237	ng	99

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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	582268	93.922	ng		97
43) 2,4,6-Trichlorophenol	13.02	196	403268	49.011	ng		99
44) 2,4,5-Trichlorophenol	13.09	196	429862	50.654	ng		99
46) 1,1'-Biphenyl	13.43	154	1384890	47.344	ng		98
47) 2-Chloronaphthalene	13.47	162	1086537	45.967	ng		99
48) 2-Nitroaniline	13.66	65	367373	48.317	ng		98
49) Acenaphthylene	14.32	152	1703347	50.137	ng		98
50) Dimethylphthalate	14.05	163	1510413	52.140	ng		100
51) 2,6-Dinitrotoluene	14.16	165	342286	52.277	ng		98
52) Acenaphthene	14.66	154	1138165	47.771	ng		98
53) 3-Nitroaniline	14.49	138	70853	9.529	ng	#	99
54) 2,4-Dinitrophenol	14.70	184	354022	104.342	ng		98
55) Dibenzofuran	14.99	168	1649502	50.292	ng		98
56) 4-Nitrophenol	14.80	139	240918	42.283	ng		95
57) 2,4-Dinitrotoluene	14.95	165	469574	52.707	ng		97
58) Fluorene	15.64	166	1311176	50.438	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.22	232	388643	53.259	ng		98
60) Diethylphthalate	15.42	149	1476541	50.961	ng		98
61) 4-Chlorophenyl-phenylether	15.64	204	695974	49.305	ng		99
62) 4-Nitroaniline	15.66	138	320394	43.636	ng		99
63) Azobenzene	15.93	77	1394144	51.884	ng		98
65) 4,6-Dinitro-2-methylphenol	15.72	198	257116	57.064	ng		99
66) n-Nitrosodiphenylamine	15.85	169	1259216	49.677	ng		99
67) 4-Bromophenyl-phenylether	16.53	248	462043	47.727	ng		99
68) Hexachlorobenzene	16.65	284	480557	46.068	ng		97
69) Atrazine	16.80	200	473938	57.520	ng		98
70) Pentachlorophenol	16.99	266	607944	105.723	ng		99
71) Phenanthrene	17.38	178	2016413	48.840	ng		96
72) Anthracene	17.47	178	2081882	51.023	ng		96
73) Carbazole	17.74	167	1905357	50.553	ng		96
74) Di-n-butylphthalate	18.31	149	2267506	47.121	ng		97
75) Fluoranthene	19.39	202	2239167	47.423	ng		95
77) Benzidine	19.56	184	936776	51.791	ng		98
78) Pyrene	19.75	202	2266052	48.243	ng		96
80) Butylbenzylphthalate	20.64	149	1125733	50.340	ng		98
81) Benzo(a)anthracene	21.57	228	2182144	48.904	ng		97
82) 3,3'-Dichlorobenzidine	21.48	252	423390	24.017	ng		99
83) Chrysene	21.64	228	2081172	49.086	ng		96
84) Bis(2-ethylhexyl)phthalate	21.50	149	1562263	50.630	ng		98
85) Di-n-octyl phthalate	22.68	149	2644905	50.987	ng		98
86) Indeno(1,2,3-cd)pyrene	28.27	276	2879087	49.967	ng		98
88) Benzo(b)fluoranthene	23.73	252	2386588	48.433	ng		98
89) Benzo(k)fluoranthene	23.80	252	2305270	49.197	ng		97
90) Benzo(a)pyrene	24.58	252	2215359	47.634	ng		99
91) Dibenzo(a,h)anthracene	28.33	278	2355647	50.434	ng		99
92) Benzo(g,h,i)perylene	29.38	276	2390151	51.517	ng		98

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

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