Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031919\
Data File : BG040033.D
Acq On : 20 Mar 2019 11:13
Operator : JU/SJ
Sample : K1956-04MSD
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-7MSD

Manual Integrations APPROVED
Sohil
3/20/2019 4:59:29 PM

Quant Time: Mar 20 14:26:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	40463	20.00	ng		-0.02
21) Naphthalene-d8	10.97	136	174386	20.00	ng		-0.02
39) Acenaphthene-d10	14.77	164	125411	20.00	ng		-0.02
64) Phenanthrene-d10	17.52	188	318256	20.00	ng		-0.02
76) Chrysene-d12	21.80	240	308499	20.00	ng		-0.02
87) Perylene-d12	25.16	264	317390	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	315849	133.17	ng		-0.02
7) Phenol-d6	7.29	99	423997	119.89	ng		-0.02
23) Nitrobenzene-d5	9.32	82	310035	96.15	ng		-0.02
42) 2,4,6-Tribromophenol	16.26	330	216230	147.92	ng		-0.02
45) 2-Fluorobiphenyl	13.39	172	724461	82.25	ng		-0.02
79) Terphenyl-d14	20.11	244	1259678	89.91	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	32041	29.261	ng	#	4
3) Pyridine	3.99	79	90201	30.770	ng		97
4) n-Nitrosodimethylamine	3.90	42	55139	39.649	ng	#	94
6) Aniline	7.47	93	48402	10.447	ng		96
8) 2-Chlorophenol	7.70	128	123639	42.969	ng		96
9) Benzaldehyde	7.28	77	43442	19.043	ng		95
10) Phenol	7.32	94	146912	38.347	ng		97
11) bis(2-Chloroethyl)ether	7.56	93	123135	41.223	ng		99
12) 1,3-Dichlorobenzene	8.03	146	123526	37.958	ng		98
13) 1,4-Dichlorobenzene	8.18	146	127051	38.328	ng		98
14) 1,2-Dichlorobenzene	8.50	146	121238	37.855	ng		98
15) Benzyl Alcohol	8.39	79	126924	45.244	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.66	45	246410	41.246	ng		99
17) 2-Methylphenol	8.58	107	110893	45.394	ng		98
18) Hexachloroethane	9.23	117	44551	37.457	ng		99
19) n-Nitroso-di-n-propylamine	8.94	70	107013	42.040	ng		93
20) 3+4-Methylphenols	8.91	107	154195	45.435	ng		97
22) Acetophenone	8.97	105	199507	42.625	ng	#	95
24) Nitrobenzene	9.37	77	158013	46.714	ng		99
25) Isophorone	9.88	82	321460	47.581	ng		100
26) 2-Nitrophenol	10.07	139	74830	45.819	ng		96
27) 2,4-Dimethylphenol	10.12	122	134245	52.852	ng		90
28) bis(2-Chloroethoxy)methane	10.36	93	183566	44.710	ng		96
29) 2,4-Dichlorophenol	10.61	162	148188	51.818	ng		93
30) 1,2,4-Trichlorobenzene	10.82	180	138346	42.991	ng		99
31) Naphthalene	11.02	128	406399	44.016	ng		99
32) Benzoic acid	10.20	122	6263m	9.696	ng		
33) 4-Chloroaniline	11.14	127	8001	2.044	ng		95
34) Hexachlorobutadiene	11.27	225	88395	40.198	ng		98
35) Caprolactam	11.91	113	38963m	35.666	ng		
36) 4-Chloro-3-methylphenol	12.23	107	167794	51.184	ng		98
37) 2-Methylnaphthalene	12.61	142	311574	45.137	ng		99
38) 1-Methylnaphthalene	12.83	142	301273	44.911	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	175180	41.232	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	212702	93.419	ng		100
43) 2,4,6-Trichlorophenol	13.21	196	123768	49.759	ng		99
44) 2,4,5-Trichlorophenol	13.28	196	137540	49.056	ng		98
46) 1,1'-Biphenyl	13.60	154	431787	41.861	ng		99
47) 2-Chloronaphthalene	13.66	162	332823	42.891	ng		98
48) 2-Nitroaniline	13.87	65	125953	50.507	ng		99
49) Acenaphthylene	14.50	152	548735	43.077	ng		99
50) Dimethylphthalate	14.22	163	481549	45.920	ng		99
51) 2,6-Dinitrotoluene	14.35	165	106664	47.979	ng		95
52) Acenaphthene	14.84	154	335450	43.752	ng		98
53) 3-Nitroaniline	14.68	138	14224	6.365	ng	#	86
54) 2,4-Dinitrophenol	14.89	184	34950	28.547	ng		94
55) Dibenzofuran	15.17	168	560243	44.537	ng		100
56) 4-Nitrophenol	14.98	139	153167	76.617	ng		94
57) 2,4-Dinitrotoluene	15.14	165	155960	49.927	ng		91
58) Fluorene	15.81	166	446285	45.130	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.39	232	138536	50.594	ng		98
60) Diethylphthalate	15.57	149	497366	47.911	ng		97
61) 4-Chlorophenyl-phenylether	15.80	204	236686	44.853	ng		98
62) 4-Nitroaniline	15.85	138	103883	42.879	ng		97
63) Azobenzene	16.09	77	448634	47.675	ng		99
65) 4,6-Dinitro-2-methylphenol	15.89	198	43959	23.361	ng		97
66) n-Nitrosodiphenylamine	16.02	169	417782	45.344	ng		98
67) 4-Bromophenyl-phenylether	16.69	248	158406	44.467	ng		95
68) Hexachlorobenzene	16.81	284	161223	43.661	ng		96
69) Atrazine	16.96	200	168855	46.566	ng		98
70) Pentachlorophenol	17.16	266	160888	68.989	ng		98
71) Phenanthrene	17.56	178	773804	44.142	ng		98
72) Anthracene	17.65	178	774912	45.362	ng		97
73) Carbazole	17.92	167	678930	44.086	ng		99
74) Di-n-butylphthalate	18.45	149	830647	45.843	ng		99
75) Fluoranthene	19.56	202	913597	44.098	ng		99
77) Benzidine	19.74	184	47562	4.858	ng		98
78) Pyrene	19.92	202	914861	45.637	ng		99
80) Butylbenzylphthalate	20.78	149	379729	48.893	ng		98
81) Benzo(a)anthracene	21.78	228	859975	44.479	ng		100
82) 3,3'-Dichlorobenzidine	21.69	252	76909	10.895	ng		96
83) Chrysene	21.85	228	821699	43.837	ng		99
84) Bis(2-ethylhexyl)phthalate	21.64	149	529114	48.481	ng		99
85) Di-n-octyl phthalate	22.89	149	895460	49.553	ng		97
86) Indeno(1,2,3-cd)pyrene	29.02	276	992812	46.689	ng	#	96
88) Benzo(b)fluoranthene	24.08	252	866740	45.795	ng		97
89) Benzo(k)fluoranthene	24.16	252	842090	47.798	ng		99
90) Benzo(a)pyrene	25.00	252	838492	47.943	ng		99
91) Dibenzo(a,h)anthracene	29.09	278	802322	46.794	ng		98
92) Benzo(g,h,i)perylene	30.24	276	815831	47.377	ng		98

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

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