Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032519\
Data File : BG040125.D
Acq On : 25 Mar 2019 20:13
Operator : JU/SJ
Sample : K2040-02MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S4B(2-10)MSD

Manual Integrations APPROVED
Sohil
3/26/2019 6:22:34 PM

Quant Time: Mar 26 05:32:21 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	8.14	152	37291	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	159921	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	116124	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	294178	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	288954	20.00	ng	-0.03
87) Perylene-d12	25.16	264	297994	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	281847	128.94	ng	-0.02
7) Phenol-d6	7.29	99	393518	120.74	ng	-0.02
23) Nitrobenzene-d5	9.32	82	260058	87.95	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	204552	151.13	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	647896	79.44	ng	-0.02
79) Terphenyl-d14	20.11	244	1157241	88.18	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.59	88	32888	32.590	ng	# 44
3) Pyridine	3.99	79	77542	28.701	ng	93
4) n-Nitrosodimethylamine	3.90	42	45258	35.312	ng	# 74
6) Aniline	7.47	93	39084	9.153	ng	97
8) 2-Chlorophenol	7.70	128	110225	41.565	ng	96
9) Benzaldehyde	7.28	77	29281	13.927	ng	90
10) Phenol	7.32	94	132609	37.558	ng	96
11) bis(2-Chloroethyl)ether	7.56	93	107492	39.047	ng	96
12) 1,3-Dichlorobenzene	8.03	146	108150	36.060	ng	95
13) 1,4-Dichlorobenzene	8.18	146	111990	36.659	ng	96
14) 1,2-Dichlorobenzene	8.50	146	109270	37.020	ng	98
15) Benzyl Alcohol	8.38	79	101605	39.299	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.66	45	195317	35.475	ng	100
17) 2-Methylphenol	8.57	107	94158	41.822	ng	97
18) Hexachloroethane	9.22	117	37955	34.625	ng	98
19) n-Nitroso-di-n-propylamine	8.94	70	87817	37.434	ng	89
20) 3+4-Methylphenols	8.90	107	134424	42.979	ng	97
22) Acetophenone	8.97	105	168139	39.173	ng	# 93
24) Nitrobenzene	9.36	77	129810	41.847	ng	96
25) Isophorone	9.87	82	258765	41.766	ng	99
26) 2-Nitrophenol	10.07	139	65570	43.780	ng	96
27) 2,4-Dimethylphenol	10.11	122	115127	49.425	ng	94
28) bis(2-Chloroethoxy)methane	10.35	93	156360	41.529	ng	98
29) 2,4-Dichlorophenol	10.60	162	128632	49.048	ng	97
30) 1,2,4-Trichlorobenzene	10.82	180	123447	41.831	ng	96
31) Naphthalene	11.01	128	350799	41.431	ng	99
32) Benzoic acid	10.24	122	32725	24.247	ng	97
33) 4-Chloroaniline	11.14	127	9069	2.526	ng	# 88
34) Hexachlorobutadiene	11.27	225	79969	39.655	ng	96
35) Caprolactam	11.91	113	37534m	37.466	ng	
36) 4-Chloro-3-methylphenol	12.23	107	141818	47.173	ng	99
37) 2-Methylnaphthalene	12.60	142	272984	43.124	ng	98
38) 1-Methylnaphthalene	12.82	142	261423	42.495	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.96	216	154916	39.379	ng	99

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Sohil
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Quant Time: Mar 26 05:32:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	177704	84.290	ng		100
43) 2,4,6-Trichlorophenol	13.20	196	110018	47.768	ng		98
44) 2,4,5-Trichlorophenol	13.28	196	121661	46.863	ng		98
46) 1,1'-Biphenyl	13.60	154	379178	39.700	ng		99
47) 2-Chloronaphthalene	13.65	162	294897	41.042	ng		98
48) 2-Nitroaniline	13.86	65	103099	44.649	ng		93
49) Acenaphthylene	14.50	152	486176	41.218	ng		99
50) Dimethylphthalate	14.21	163	423167	43.580	ng		99
51) 2,6-Dinitrotoluene	14.35	165	94583	45.947	ng		94
52) Acenaphthene	14.83	154	297461	41.900	ng		99
53) 3-Nitroaniline	14.68	138	13423	6.487	ng	#	90
54) 2,4-Dinitrophenol	14.88	184	56288	45.767	ng		96
55) Dibenzofuran	15.17	168	495232	42.518	ng		99
56) 4-Nitrophenol	14.98	139	135056	72.961	ng		92
57) 2,4-Dinitrotoluene	15.13	165	138031	47.721	ng		85
58) Fluorene	15.81	166	398106	43.477	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.39	232	122968	48.500	ng		97
60) Diethylphthalate	15.57	149	430980	44.836	ng		97
61) 4-Chlorophenyl-phenylether	15.79	204	212643	43.519	ng		99
62) 4-Nitroaniline	15.85	138	91861	40.949	ng		93
63) Azobenzene	16.09	77	375928	43.144	ng		97
65) 4,6-Dinitro-2-methylphenol	15.89	198	57641	33.139	ng		93
66) n-Nitrosodiphenylamine	16.02	169	374136	43.931	ng		99
67) 4-Bromophenyl-phenylether	16.69	248	143023	43.434	ng		95
68) Hexachlorobenzene	16.80	284	146584	42.946	ng		97
69) Atrazine	16.95	200	152453	45.484	ng		97
70) Pentachlorophenol	17.16	266	155255	72.023	ng		98
71) Phenanthrene	17.56	178	688345	42.481	ng		100
72) Anthracene	17.64	178	691326	43.782	ng		99
73) Carbazole	17.92	167	603526	42.397	ng		98
74) Di-n-butylphthalate	18.44	149	736260	43.959	ng		100
75) Fluoranthene	19.56	202	813444	42.478	ng		99
77) Benzidine	19.74	184	39095	4.264	ng		96
78) Pyrene	19.92	202	817412	43.534	ng		99
80) Butylbenzylphthalate	20.78	149	334251	45.949	ng		95
81) Benzo(a)anthracene	21.78	228	775695	42.833	ng		99
82) 3,3'-Dichlorobenzidine	21.69	252	73668	11.142	ng		98
83) Chrysene	21.85	228	730592	41.613	ng		100
84) Bis(2-ethylhexyl)phthalate	21.64	149	462507	45.245	ng		100
85) Di-n-octyl phthalate	22.89	149	781889	46.195	ng	#	94
86) Indeno(1,2,3-cd)pyrene	29.02	276	863259	43.342	ng	#	97
88) Benzo(b)fluoranthene	24.08	252	779888	43.888	ng		98
89) Benzo(k)fluoranthene	24.15	252	738268	44.632	ng		99
90) Benzo(a)pyrene	25.00	252	746482	45.461	ng		97
91) Dibenzo(a,h)anthracene	29.09	278	711205	44.180	ng		98
92) Benzo(g,h,i)perylene	30.25	276	724053	44.784	ng		97

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

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