Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041519\
Data File : BG040482.D
Acq On : 15 Apr 2019 16:19
Operator : JU/SJ
Sample : K2407-07MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-11-DMS

Manual Integrations APPROVED
Sohil
4/16/2019 5:23:35 PM

Quant Time: Apr 16 02:19:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	56630	20.00	ng		-0.03
21) Naphthalene-d8	10.86	136	227899	20.00	ng		-0.03
39) Acenaphthene-d10	14.68	164	144515	20.00	ng		-0.03
64) Phenanthrene-d10	17.43	188	389670	20.00	ng		-0.02
76) Chrysene-d12	21.70	240	368768	20.00	ng		-0.03
87) Perylene-d12	24.98	264	420269	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	474524	139.30	ng		-0.02
7) Phenol-d6	7.20	99	669701	142.25	ng		-0.02
23) Nitrobenzene-d5	9.23	82	402846	93.96	ng		-0.02
42) 2,4,6-Tribromophenol	16.17	330	256804	164.43	ng		-0.02
45) 2-Fluorobiphenyl	13.30	172	854198	87.58	ng		-0.03
79) Terphenyl-d14	20.02	244	1433317	87.44	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	63473	39.626	ng		97
3) Pyridine	3.90	79	153423	35.575	ng		97
4) n-Nitrosodimethylamine	3.82	42	86130	43.174	ng	#	90
6) Aniline	7.37	93	152551	24.941	ng		97
8) 2-Chlorophenol	7.61	128	179495	45.013	ng		99
9) Benzaldehyde	7.19	77	69402	21.491	ng		97
10) Phenol	7.23	94	240541	47.073	ng		97
11) bis(2-Chloroethyl)ether	7.47	93	173627	42.423	ng		100
12) 1,3-Dichlorobenzene	7.93	146	184147	42.481	ng		96
13) 1,4-Dichlorobenzene	8.08	146	188907	43.755	ng		97
14) 1,2-Dichlorobenzene	8.40	146	177573	43.009	ng		99
15) Benzyl Alcohol	8.29	79	165407	43.627	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.57	45	343618	43.746	ng		99
17) 2-Methylphenol	8.48	107	162050	45.829	ng		99
18) Hexachloroethane	9.13	117	67848	41.314	ng		98
19) n-Nitroso-di-n-propylamine	8.85	70	139255	41.256	ng		98
20) 3+4-Methylphenols	8.81	107	226277	47.238	ng		97
22) Acetophenone	8.88	105	277637	48.838	ng	#	98
24) Nitrobenzene	9.27	77	210387	47.385	ng		100
25) Isophorone	9.78	82	405742	45.992	ng		98
26) 2-Nitrophenol	9.97	139	100379	47.713	ng		96
27) 2,4-Dimethylphenol	10.02	122	178843	53.518	ng		96
28) bis(2-Chloroethoxy)methane	10.26	93	244704	46.884	ng		98
29) 2,4-Dichlorophenol	10.51	162	185660	51.185	ng		98
30) 1,2,4-Trichlorobenzene	10.72	180	188699	47.378	ng		99
31) Naphthalene	10.91	128	562635	48.165	ng		98
33) 4-Chloroaniline	11.03	127	117331	23.547	ng		96
34) Hexachlorobutadiene	11.17	225	112639	44.220	ng		97
35) Caprolactam	11.82	113	63575m	44.166	ng		
36) 4-Chloro-3-methylphenol	12.14	107	218158	52.317	ng		98
37) 2-Methylnaphthalene	12.51	142	424260	49.107	ng		99
38) 1-Methylnaphthalene	12.73	142	405219	48.369	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	213801	46.547	ng		99
41) Hexachlorocyclopentadiene	12.84	237	228633	90.656	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	13.11	196	148646	50.195	ng		99
44) 2,4,5-Trichlorophenol	13.19	196	163301	50.592	ng		98
46) 1,1'-Biphenyl	13.51	154	546045	47.821	ng		99
47) 2-Chloronaphthalene	13.56	162	421273	48.097	ng		99
48) 2-Nitroaniline	13.77	65	154048	52.142	ng		96
49) Acenaphthylene	14.41	152	712479	47.977	ng		99
50) Dimethylphthalate	14.13	163	622480	55.037	ng		100
51) 2,6-Dinitrotoluene	14.26	165	132594	52.211	ng		97
52) Acenaphthene	14.74	154	413793	48.628	ng		99
53) 3-Nitroaniline	14.60	138	92073	34.251	ng	#	92
54) 2,4-Dinitrophenol	14.81	184	91560	67.792	ng		95
55) Dibenzofuran	15.08	168	690389	50.491	ng		99
56) 4-Nitrophenol	14.91	139	220907	101.818	ng		97
57) 2,4-Dinitrotoluene	15.05	165	191701	54.325	ng		98
58) Fluorene	15.72	166	543612	50.567	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.30	232	166489	56.840	ng		98
60) Diethylphthalate	15.48	149	608847	52.606	ng		100
61) 4-Chlorophenyl-phenylether	15.71	204	295429	51.412	ng		97
62) 4-Nitroaniline	15.76	138	156350	54.196	ng		99
63) Azobenzene	16.01	77	565688	51.817	ng		98
65) 4,6-Dinitro-2-methylphenol	15.81	198	98853	45.154	ng		97
66) n-Nitrosodiphenylamine	15.93	169	528551	46.353	ng		97
67) 4-Bromophenyl-phenylether	16.60	248	198442	45.253	ng		97
68) Hexachlorobenzene	16.72	284	203816	46.227	ng		98
69) Atrazine	16.87	200	203724	48.028	ng		97
70) Pentachlorophenol	17.07	266	212727	83.453	ng		99
71) Phenanthrene	17.47	178	986069	48.144	ng		99
72) Anthracene	17.56	178	991316	48.355	ng		99
73) Carbazole	17.83	167	952734	49.106	ng		98
74) Di-n-butylphthalate	18.36	149	1135665	49.382	ng		99
75) Fluoranthene	19.47	202	1208018	49.809	ng		99
77) Benzidine	19.66	184	307392	23.083	ng		97
78) Pyrene	19.84	202	1235267	50.937	ng		99
80) Butylbenzylphthalate	20.71	149	555474	53.529	ng		97
81) Benzo(a)anthracene	21.68	228	1114770	49.078	ng		98
82) 3,3'-Dichlorobenzidine	21.59	252	259131	29.990	ng		100
83) Chrysene	21.75	228	1107258	50.723	ng		98
84) Bis(2-ethylhexyl)phthalate	21.55	149	787574	53.093	ng		99
85) Di-n-octyl phthalate	22.77	149	1359748	53.802	ng		100
86) Indeno(1,2,3-cd)pyrene	28.75	276	1385896	51.908	ng	#	87
88) Benzo(b)fluoranthene	23.93	252	1223578	47.554	ng		99
89) Benzo(k)fluoranthene	24.00	252	1180446	49.888	ng		99
90) Benzo(a)pyrene	24.83	252	1203328	49.844	ng		99
91) Dibenzo(a,h)anthracene	28.82	278	1127771	50.298	ng		99
92) Benzo(g,h,i)perylene	29.94	276	1132606	49.152	ng		98

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

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