Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041619\
Data File : BG040505.D
Acq On : 16 Apr 2019 16:08
Operator : JU/SJ
Sample : K2423-09MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP3-AMSD

Manual Integrations APPROVED
Sohil
4/17/2019 3:33:38 PM

Quant Time: Apr 16 18:50:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 13 00:33:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	46574	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	194904	20.00	ng		0.00
39) Acenaphthene-d10	14.68	164	131173	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	352926	20.00	ng		0.00
76) Chrysene-d12	21.70	240	331473	20.00	ng		0.00
87) Perylene-d12	24.97	264	378922	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	401240	143.22	ng		0.00
7) Phenol-d6	7.20	99	571831	147.69	ng		0.00
23) Nitrobenzene-d5	9.22	82	340991	92.99	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	235938	166.43	ng		0.00
45) 2-Fluorobiphenyl	13.30	172	771112	87.11	ng		0.00
79) Terphenyl-d14	20.02	244	1333817	90.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	50194	38.102	ng		99
3) Pyridine	3.89	79	133642	37.679	ng		98
4) n-Nitrosodimethylamine	3.81	42	69756	42.516	ng	#	97
6) Aniline	7.37	93	133258	26.491	ng		98
8) 2-Chlorophenol	7.61	128	146807	44.765	ng		95
9) Benzaldehyde	7.19	77	53338	20.083	ng		98
10) Phenol	7.23	94	205209	48.829	ng		98
11) bis(2-Chloroethyl)ether	7.46	93	142666	42.384	ng		99
12) 1,3-Dichlorobenzene	7.93	146	139986	39.266	ng		94
13) 1,4-Dichlorobenzene	8.08	146	142791	40.215	ng		97
14) 1,2-Dichlorobenzene	8.40	146	137208	40.408	ng		95
15) Benzyl Alcohol	8.28	79	132065	42.353	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.56	45	277782	43.000	ng		100
17) 2-Methylphenol	8.48	107	132940	45.714	ng		97
18) Hexachloroethane	9.12	117	51095	37.831	ng		99
19) n-Nitroso-di-n-propylamine	8.85	70	115287	41.530	ng		98
20) 3+4-Methylphenols	8.81	107	187243	47.529	ng		94
22) Acetophenone	8.87	105	224390	46.153	ng		98
24) Nitrobenzene	9.27	77	174361	45.920	ng		98
25) Isophorone	9.77	82	341880	45.314	ng		98
26) 2-Nitrophenol	9.97	139	84574	47.006	ng		98
27) 2,4-Dimethylphenol	10.02	122	151541	53.025	ng		98
28) bis(2-Chloroethoxy)methane	10.25	93	204311	45.772	ng		96
29) 2,4-Dichlorophenol	10.50	162	154523	49.813	ng		98
30) 1,2,4-Trichlorobenzene	10.72	180	149159	43.790	ng		98
31) Naphthalene	10.91	128	458848	45.930	ng		99
32) Benzoic acid	10.18	122	20698m	11.987	ng		
33) 4-Chloroaniline	11.03	127	105292	24.708	ng		96
34) Hexachlorobutadiene	11.17	225	88612	40.677	ng		96
35) Caprolactam	11.81	113	61205	49.718	ng		95
36) 4-Chloro-3-methylphenol	12.14	107	188348	52.814	ng		98
37) 2-Methylnaphthalene	12.51	142	350121	47.386	ng		99
38) 1-Methylnaphthalene	12.73	142	335714	46.856	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	180300	43.246	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	168722	73.705	ng	98
43) 2,4,6-Trichlorophenol	13.11	196	130213	48.443	ng	97
44) 2,4,5-Trichlorophenol	13.19	196	144274	49.243	ng	99
46) 1,1'-Biphenyl	13.51	154	458762	44.263	ng	99
47) 2-Chloronaphthalene	13.56	162	356525	44.845	ng	100
48) 2-Nitroaniline	13.77	65	137204	51.164	ng	98
49) Acenaphthylene	14.40	152	601824	44.648	ng	99
50) Dimethylphthalate	14.13	163	623660	60.749	ng	99
51) 2,6-Dinitrotoluene	14.26	165	115701	50.193	ng	95
52) Acenaphthene	14.74	154	354023	45.835	ng	97
53) 3-Nitroaniline	14.59	138	79862	32.730	ng	90
54) 2,4-Dinitrophenol	14.80	184	113519	92.600	ng	98
55) Dibenzofuran	15.08	168	593291	47.803	ng	99
56) 4-Nitrophenol	14.90	139	199817	101.465	ng	97
57) 2,4-Dinitrotoluene	15.05	165	171843	53.651	ng	97
58) Fluorene	15.72	166	474917	48.670	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.30	232	144141	54.215	ng	98
60) Diethylphthalate	15.48	149	538136	51.225	ng	99
61) 4-Chlorophenyl-phenylether	15.70	204	254549	48.803	ng	94
62) 4-Nitroaniline	15.76	138	138642	52.946	ng	99
63) Azobenzene	16.00	77	489248	49.373	ng	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	94816	47.819	ng	99
66) n-Nitrosodiphenylamine	15.93	169	471750	45.679	ng	98
67) 4-Bromophenyl-phenylether	16.60	248	171394	43.154	ng	99
68) Hexachlorobenzene	16.72	284	175487	43.945	ng	94
69) Atrazine	16.87	200	181811	47.325	ng	99
70) Pentachlorophenol	17.07	266	194342	84.178	ng	96
71) Phenanthrene	17.47	178	854111	46.043	ng	99
72) Anthracene	17.56	178	872168	46.973	ng	100
73) Carbazole	17.83	167	859619	48.920	ng	100
74) Di-n-butylphthalate	18.36	149	1004388	48.221	ng	100
75) Fluoranthene	19.47	202	1055183	48.037	ng	99
77) Benzidine	19.66	184	370130	30.922	ng	96
78) Pyrene	19.83	202	1070395	49.105	ng	100
80) Butylbenzylphthalate	20.70	149	491912	52.737	ng	99
81) Benzo(a)anthracene	21.67	228	977033	47.854	ng	98
82) 3,3'-Dichlorobenzidine	21.59	252	241962	31.154	ng	97
83) Chrysene	21.74	228	972301	49.552	ng	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	710585	53.293	ng	99
85) Di-n-octyl phthalate	22.76	149	1223290	53.848	ng	99
86) Indeno(1,2,3-cd)pyrene	28.73	276	1198217	49.928	ng	99
88) Benzo(b)fluoranthene	23.92	252	1061239	45.745	ng	99
89) Benzo(k)fluoranthene	23.99	252	1043058	48.891	ng	99
90) Benzo(a)pyrene	24.82	252	1043674	47.948	ng	100
91) Dibenzo(a,h)anthracene	28.81	278	976197	48.288	ng	98
92) Benzo(g,h,i)perylene	29.92	276	986147	47.465	ng	98

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

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