Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG042419\
Data File : BG040597.D
Acq On : 24 Apr 2019 17:17
Operator : JU/SJ
Sample : K2200-08MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-02-042319-AMS

Manual Integrations APPROVED
Sohil
4/25/2019 5:28:58 PM

Quant Time: Apr 25 04:14:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:35:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	44380	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	182083	20.00	ng		0.00
39) Acenaphthene-d10	14.79	164	133304	20.00	ng		0.00
64) Phenanthrene-d10	17.54	188	348255	20.00	ng		0.00
76) Chrysene-d12	21.82	240	348633	20.00	ng		0.00
87) Perylene-d12	25.20	264	381120	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	339040	134.67	ng		0.00
7) Phenol-d6	7.29	99	472176	121.81	ng		0.00
23) Nitrobenzene-d5	9.34	82	373230	94.71	ng		0.00
42) 2,4,6-Tribromophenol	16.27	330	257901	140.75	ng		0.00
45) 2-Fluorobiphenyl	13.41	172	806721	87.40	ng		0.00
79) Terphenyl-d14	20.13	244	1566527	99.55	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	47186	41.211	ng	#	16
3) Pyridine	3.97	79	113789	34.287	ng		97
4) n-Nitrosodimethylamine	3.88	42	79277	43.067	ng	#	99
6) Aniline	7.48	93	90817	17.675	ng		99
8) 2-Chlorophenol	7.72	128	139563	45.399	ng		93
9) Benzaldehyde	7.29	77	43411	14.378	ng		95
10) Phenol	7.32	94	170383	40.889	ng		93
11) bis(2-Chloroethyl)ether	7.58	93	139113	44.520	ng		98
12) 1,3-Dichlorobenzene	8.05	146	139670	41.626	ng		100
13) 1,4-Dichlorobenzene	8.19	146	142921	42.018	ng		99
14) 1,2-Dichlorobenzene	8.52	146	137376	41.879	ng		98
15) Benzyl Alcohol	8.39	79	187565	46.502	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.68	45	260296	41.840	ng		98
17) 2-Methylphenol	8.59	107	137049	46.474	ng		93
18) Hexachloroethane	9.24	117	55610	39.855	ng		89
19) n-Nitroso-di-n-propylamine	8.97	70	145768	41.773	ng		99
20) 3+4-Methylphenols	8.92	107	184685	44.957	ng		99
22) Acetophenone	8.99	105	243341	48.060	ng	#	98
24) Nitrobenzene	9.38	77	206901	49.210	ng		99
25) Isophorone	9.90	82	412788	47.026	ng		100
26) 2-Nitrophenol	10.09	139	72223	47.921	ng		90
27) 2,4-Dimethylphenol	10.13	122	158968	56.217	ng		97
28) bis(2-Chloroethoxy)methane	10.38	93	202949	46.083	ng		99
29) 2,4-Dichlorophenol	10.62	162	165224	51.395	ng		96
30) 1,2,4-Trichlorobenzene	10.84	180	165050	46.297	ng		99
31) Naphthalene	11.04	128	445096	46.012	ng		100
32) Benzoic acid	10.18	122	10761	5.559	ng		88
33) 4-Chloroaniline	11.14	127	15403	3.591	ng		98
34) Hexachlorobutadiene	11.30	225	118006	44.836	ng		96
35) Caprolactam	11.92	113	48362m	38.103	ng		
36) 4-Chloro-3-methylphenol	12.24	107	202037	49.818	ng		99
37) 2-Methylnaphthalene	12.63	142	339764	46.976	ng		96
38) 1-Methylnaphthalene	12.85	142	329364	46.589	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	218155	43.931	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	285535	97.443	ng		99
43) 2,4,6-Trichlorophenol	13.22	196	148683	49.546	ng		97
44) 2,4,5-Trichlorophenol	13.29	196	159040	48.650	ng		97
46) 1,1'-Biphenyl	13.63	154	470755	45.484	ng		97
47) 2-Chloronaphthalene	13.67	162	369692	45.643	ng		99
48) 2-Nitroaniline	13.87	65	151489	52.542	ng		99
49) Acenaphthylene	14.52	152	607577	44.213	ng		99
50) Dimethylphthalate	14.24	163	526383	47.195	ng		99
51) 2,6-Dinitrotoluene	14.36	165	109984	50.526	ng		98
52) Acenaphthene	14.86	154	377813	47.210	ng		96
53) 3-Nitroaniline	14.69	138	37124	16.645	ng		96
54) 2,4-Dinitrophenol	14.89	184	39010	36.004	ng	#	85
55) Dibenzofuran	15.18	168	607584	46.352	ng		97
56) 4-Nitrophenol	14.98	139	169084	87.429	ng		94
57) 2,4-Dinitrotoluene	15.14	165	156104	52.775	ng		96
58) Fluorene	15.83	166	493100	46.542	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.40	232	169604	51.546	ng		100
60) Diethylphthalate	15.59	149	568340	48.297	ng		99
61) 4-Chlorophenyl-phenylether	15.82	204	289318	46.952	ng		98
62) 4-Nitroaniline	15.86	138	118864	47.642	ng		96
63) Azobenzene	16.11	77	575249	47.467	ng		98
65) 4,6-Dinitro-2-methylphenol	15.90	198	39899	26.913	ng		95
66) n-Nitrosodiphenylamine	16.04	169	464307	45.316	ng		99
67) 4-Bromophenyl-phenylether	16.72	248	190939	44.008	ng		97
68) Hexachlorobenzene	16.82	284	198271	44.195	ng		98
69) Atrazine	16.98	200	204837	50.459	ng		99
70) Pentachlorophenol	17.17	266	192526	73.336	ng		97
71) Phenanthrene	17.58	178	860142	45.855	ng		99
72) Anthracene	17.66	178	884562	46.914	ng		99
73) Carbazole	17.93	167	810424	47.177	ng		100
74) Di-n-butylphthalate	18.48	149	995814	48.028	ng		99
75) Fluoranthene	19.58	202	1127986	48.255	ng		99
77) Benzidine	19.76	184	89278	9.353	ng		99
78) Pyrene	19.94	202	1143303	52.323	ng		99
80) Butylbenzylphthalate	20.81	149	448548	52.669	ng		98
81) Benzo(a)anthracene	21.81	228	1079776	49.005	ng		99
82) 3,3'-Dichlorobenzidine	21.71	252	135523	17.256	ng		97
83) Chrysene	21.87	228	1069417	51.034	ng		99
84) Bis(2-ethylhexyl)phthalate	21.69	149	623921	50.752	ng		97
85) Di-n-octyl phthalate	22.96	149	1087897	52.545	ng		97
86) Indeno(1,2,3-cd)pyrene	29.09	276	1308005	51.628	ng	#	92
88) Benzo(b)fluoranthene	24.12	252	1122502	48.197	ng		98
89) Benzo(k)fluoranthene	24.19	252	1064867	48.959	ng		99
90) Benzo(a)pyrene	25.04	252	1093078	49.583	ng		99
91) Dibenzo(a,h)anthracene	29.16	278	1079821	48.402	ng		99
92) Benzo(g,h,i)perylene	30.32	276	1072665	48.311	ng		99

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

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