Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101218\
Data File : BG037299.D
Acq On : 12 Oct 2018 20:17
Operator : JU/SJ
Sample : J5392-02MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SOIL-DRUMMSD

Manual Integrations APPROVED
Sohil
10/15/2018 12:59:12 PM

Quant Time: Oct 13 00:40:58 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 11 13:59:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	63497	20.00	ng		0.00
21) Naphthalene-d8	10.94	136	280433	20.00	ng		0.00
39) Acenaphthene-d10	14.75	164	189756	20.00	ng		0.00
64) Phenanthrene-d10	17.50	188	460472	20.00	ng		0.00
76) Chrysene-d12	21.79	240	414011	20.00	ng		0.00
87) Perylene-d12	25.13	264	441876	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	443223	122.85	ng		0.00
7) Phenol-d6	7.26	99	593330	108.34	ng		0.00
23) Nitrobenzene-d5	9.30	82	396552	92.97	ng		0.00
42) 2,4,6-Tribromophenol	16.24	330	258118	138.70	ng		0.00
45) 2-Fluorobiphenyl	13.38	172	956142	75.67	ng		0.00
79) Terphenyl-d14	20.10	244	1471628	74.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	53910	26.604	ng	#	88
3) Pyridine	3.95	79	156736	32.578	ng		94
4) n-Nitrosodimethylamine	3.86	42	76659	41.030	ng	#	92
6) Aniline	7.44	93	163713	22.837	ng		98
8) 2-Chlorophenol	7.68	128	188927	44.741	ng		99
9) Benzaldehyde	7.26	77	88687	23.522	ng		100
10) Phenol	7.29	94	221704	38.439	ng		98
11) bis(2-Chloroethyl)ether	7.54	93	182288	38.686	ng		96
12) 1,3-Dichlorobenzene	8.01	146	184716	37.210	ng		94
13) 1,4-Dichlorobenzene	8.15	146	193862	38.573	ng		98
14) 1,2-Dichlorobenzene	8.48	146	183017	37.580	ng		97
15) Benzyl Alcohol	8.36	79	185656	43.341	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.64	45	339919	36.491	ng		97
17) 2-Methylphenol	8.55	107	172203	44.580	ng		99
18) Hexachloroethane	9.20	117	68058	39.675	ng		95
19) n-Nitroso-di-n-propylamine	8.93	70	159431	38.453	ng		97
20) 3+4-Methylphenols	8.88	107	240055	44.445	ng		99
22) Acetophenone	8.95	105	302168	42.745	ng	#	97
24) Nitrobenzene	9.34	77	216087	47.298	ng		97
25) Isophorone	9.86	82	468510	48.114	ng		97
26) 2-Nitrophenol	10.05	139	87718	50.765	ng		98
27) 2,4-Dimethylphenol	10.09	122	212821	52.289	ng		95
28) bis(2-Chloroethoxy)methane	10.34	93	269707	44.271	ng		99
29) 2,4-Dichlorophenol	10.58	162	211285	51.140	ng		99
30) 1,2,4-Trichlorobenzene	10.80	180	200079	39.797	ng		94
31) Naphthalene	11.00	128	622076	45.644	ng		99
32) Benzoic acid	10.21	122	105746	47.053	ng		97
33) 4-Chloroaniline	11.10	127	24239	3.791	ng		95
34) Hexachlorobutadiene	11.26	225	120402	38.565	ng		99
35) Caprolactam	11.88	113	62436m	37.069	ng		
36) 4-Chloro-3-methylphenol	12.20	107	238479	48.875	ng		99
37) 2-Methylnaphthalene	12.59	142	465677	46.820	ng		99
38) 1-Methylnaphthalene	12.81	142	447346	46.051	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	240662	39.163	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.92	237	226286	89.324 ng	98
43) 2,4,6-Trichlorophenol	13.18	196	178558	50.089 ng	98
44) 2,4,5-Trichlorophenol	13.25	196	198346	51.712 ng	99
46) 1,1'-Biphenyl	13.59	154	614164	39.345 ng	99
47) 2-Chloronaphthalene	13.63	162	481550	40.841 ng	99
48) 2-Nitroaniline	13.84	65	155641	48.633 ng	97
49) Acenaphthylene	14.48	152	797945	44.240 ng	98
50) Dimethylphthalate	14.20	163	662941	44.456 ng	100
51) 2,6-Dinitrotoluene	14.33	165	137322	47.467 ng	98
52) Acenaphthene	14.82	154	478778	42.974 ng	99
53) 3-Nitroaniline	14.66	138	59694	19.132 ng	95
54) 2,4-Dinitrophenol	14.86	184	60783	81.457 ng	99
55) Dibenzofuran	15.15	168	751586	41.575 ng	96
56) 4-Nitrophenol	14.95	139	221345	91.011 ng	98
57) 2,4-Dinitrotoluene	15.11	165	192817	52.084 ng	99
58) Fluorene	15.80	166	623538	45.606 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.37	232	173147	50.988 ng	98
60) Diethylphthalate	15.56	149	685829	44.378 ng	99
61) 4-Chlorophenyl-phenylether	15.79	204	324764	40.637 ng	99
62) 4-Nitroaniline	15.83	138	152238	46.487 ng	98
63) Azobenzene	16.08	77	625894	42.241 ng	100
65) 4,6-Dinitro-2-methylphenol	15.87	198	56783	40.463 ng	98
66) n-Nitrosodiphenylamine	16.00	169	572263	42.319 ng	99
67) 4-Bromophenyl-phenylether	16.68	248	210867	42.431 ng	99
68) Hexachlorobenzene	16.79	284	212690	41.278 ng	98
69) Atrazine	16.95	200	227441	45.253 ng	99
70) Pentachlorophenol	17.14	266	238265	71.672 ng	96
71) Phenanthrene	17.54	178	1030328	43.956 ng	98
72) Anthracene	17.64	178	1040160	45.337 ng	96
73) Carbazole	17.91	167	964218	40.789 ng	99
74) Di-n-butylphthalate	18.45	149	1143529	45.134 ng	99
75) Fluoranthene	19.55	202	1190732	43.464 ng	98
77) Benzidine	19.73	184	195380	12.336 ng	99
78) Pyrene	19.91	202	1187899	44.024 ng	98
80) Butylbenzylphthalate	20.79	149	506342	48.231 ng	97
81) Benzo(a)anthracene	21.77	228	1130208	45.581 ng	97
82) 3,3'-Dichlorobenzidine	21.68	252	187901	19.645 ng	99
83) Chrysene	21.84	228	1048333	44.322 ng	99
84) Bis(2-ethylhexyl)phthalate	21.65	149	721646	47.871 ng	97
85) Di-n-octyl phthalate	22.91	149	1220466	49.880 ng	99
86) Indeno(1,2,3-cd)pyrene	28.98	276	1285802	49.045 ng	98
88) Benzo(b)fluoranthene	24.07	252	1165539	48.516 ng	99
89) Benzo(k)fluoranthene	24.14	252	1064451	44.903 ng	97
90) Benzo(a)pyrene	24.98	252	1099374	47.723 ng	98
91) Dibenzo(a,h)anthracene	29.07	278	1051183	47.690 ng	97
92) Benzo(g,h,i)perylene	30.20	276	1061180	48.204 ng	99

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

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