Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032217\
Data File : BG026385.D
Acq On : 22 Mar 2017 21:17
Operator : SJ/MA
Sample : I2348-09MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JFC-SOIL-COMPMSD

Manual Integrations APPROVED
mohammad
3/23/2017 2:07:11 PM

Quant Time: Mar 23 01:38:58 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 20 17:43:27 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	145581	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	598433	20.00	ng		0.00
38) Acenaphthene-d10	14.65	164	352507	20.00	ng		0.00
63) Phenanthrene-d10	17.38	188	863083	20.00	ng		0.00
75) Chrysene-d12	21.63	240	961820	20.00	ng		0.00
86) Perylene-d12	24.81	264	795462	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	1127805	137.50	ng		0.00
7) Phenol-d6	7.21	99	1414180	128.43	ng		0.00
23) Nitrobenzene-d5	9.20	82	839646	84.36	ng		0.00
41) 2,4,6-Tribromophenol	16.13	330	669286	165.80	ng		0.00
44) 2-Fluorobiphenyl	13.28	172	2235769	88.95	ng		0.00
78) Terphenyl-d14	19.98	244	3165152	79.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	130910	35.56	ng	#	70
3) Pyridine	3.91	79	383948	38.08	ng	#	59
4) n-Nitrosodimethylamine	3.82	42	107341	38.95	ng	#	1
6) Aniline	7.37	93	189681	12.89	ng	#	83
8) 2-Chlorophenol	7.61	128	427550	46.29	ng	#	78
9) Benzaldehyde	7.18	77	93900	12.63	ng	#	67
10) Phenol	7.24	94	484584	41.24	ng	#	68
11) bis(2-Chloroethyl)ether	7.46	93	399727	41.48	ng	#	81
12) 1,3-Dichlorobenzene	7.94	146	449844	40.91	ng	#	86
13) 1,4-Dichlorobenzene	8.08	146	455687	40.97	ng	#	93
14) 1,2-Dichlorobenzene	8.40	146	441689	41.50	ng	#	91
15) Benzyl Alcohol	8.28	79	304877	42.23	ng	#	77
16) 2,2'-oxybis(1-Chloropropan	8.57	45	372085	34.77	ng		80
17) 2-Methylphenol	8.48	107	365664	43.82	ng	#	81
18) Hexachloroethane	9.13	117	142783	39.26	ng		94
19) n-Nitroso-di-n-propylamine	8.84	70	290131	40.98	ng	#	69
20) 3+4-Methylphenols	8.81	107	511371	44.51	ng		83
22) Acetophenone	8.86	105	607118	44.12	ng	#	73
24) Nitrobenzene	9.25	77	414830	42.21	ng	#	70
25) Isophorone	9.76	82	826699	44.07	ng	#	89
26) 2-Nitrophenol	9.95	139	252554	49.39	ng	#	63
27) 2,4-Dimethylphenol	10.01	122	420617	50.11	ng		85
28) bis(2-Chloroethoxy)methane	10.24	93	539863	44.30	ng	#	98
29) 2,4-Dichlorophenol	10.49	162	449014	52.90	ng		94
30) 1,2,4-Trichlorobenzene	10.70	180	445515	46.72	ng		99
31) Naphthalene	10.89	128	1300999	43.00	ng		100
32) Benzoic acid	10.15	122	269656	41.75	ng	#	68
34) Hexachlorobutadiene	11.18	225	256109	45.53	ng		98
35) Caprolactam	11.76	113	138271m	41.34	ng		
36) 4-Chloro-3-methylphenol	12.11	107	446210	49.14	ng	#	74
37) 2-Methylnaphthalene	12.49	142	1017074	45.89	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	483444	45.58	ng		98
40) Hexachlorocyclopentadiene	12.84	237	544154	97.47	ng		96
42) 2,4,6-Trichlorophenol	13.10	196	364916	52.55	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.17	196	385863	50.27	ng	#	91
45) 1,1'-Biphenyl	13.49	154	1310329	44.88	ng		99
46) 2-Chloronaphthalene	13.54	162	984130	46.16	ng		96
47) 2-Nitroaniline	13.73	65	256016	42.22	ng	#	49
48) Acenaphthylene	14.38	152	1632691	43.93	ng		99
49) Dimethylphthalate	14.10	163	1295205	48.68	ng		99
50) 2,6-Dinitrotoluene	14.22	165	309984	49.92	ng	#	55
51) Acenaphthene	14.72	154	1019992	44.56	ng		98
52) 3-Nitroaniline	14.55	138	41723	6.10	ng	#	67
53) 2,4-Dinitrophenol	14.76	184	397151	110.25	ng	#	75
54) Dibenzofuran	15.05	168	1580985	49.06	ng		90
55) 4-Nitrophenol	14.86	139	529296	94.53	ng	#	39
56) 2,4-Dinitrotoluene	15.01	165	439732	50.35	ng	#	69
57) Fluorene	15.69	166	1308845	45.64	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.27	232	361205	53.95	ng	#	96
59) Diethylphthalate	15.46	149	1297227	47.70	ng		98
60) 4-Chlorophenyl-phenylether	15.68	204	646906	47.60	ng		91
61) 4-Nitroaniline	15.71	138	254036	35.12	ng	#	48
62) Azobenzene	15.97	77	1036825	46.89	ng		78
64) 4,6-Dinitro-2-methylphenol	15.77	198	282588	51.93	ng		85
65) n-Nitrosodiphenylamine	15.89	169	999918	39.48	ng		99
66) 4-Bromophenyl-phenylether	16.57	248	431892	48.62	ng		95
67) Hexachlorobenzene	16.70	284	452229	47.72	ng		91
68) Atrazine	16.83	200	137205	14.31	ng		94
69) Pentachlorophenol	17.04	266	583100	94.64	ng		99
70) Phenanthrene	17.43	178	2037279	43.96	ng		98
71) Anthracene	17.51	178	2110258	44.63	ng		98
72) Carbazole	17.78	167	1510989	31.03	ng	#	95
73) Di-n-butylphthalate	18.33	149	2278080	45.54	ng	#	94
74) Fluoranthene	19.42	202	2440277	44.77	ng		97
77) Pyrene	19.79	202	2481129	44.55	ng		98
79) Butylbenzylphthalate	20.66	149	1078974	48.42	ng	#	84
80) Benzo(a)anthracene	21.61	228	2427509	44.85	ng		100
82) Chrysene	21.67	228	2234473	43.21	ng		100
83) Bis(2-ethylhexyl)phthalate	21.51	149	1562271	46.42	ng		95
84) Di-n-octyl phthalate	22.70	149	2662516	46.35	ng	#	81
85) Indeno(1,2,3-cd)pyrene	28.44	276	2865562	44.88	ng	#	88
87) Benzo(b)fluoranthene	23.80	252	2554137	54.47	ng	#	97
88) Benzo(k)fluoranthene	23.87	252	2537788	55.81	ng	#	96
89) Benzo(a)pyrene	24.66	252	2349311	52.23	ng	#	96
90) Dibenzo(a,h)anthracene	28.48	278	2502224	55.05	ng	#	94
91) Benzo(g,h,i)perylene	29.57	276	2270230	49.57	ng	#	88

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

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