Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050118\
Data File : BG034090.D
Acq On : 1 May 2018 22:24
Operator : SJ/JU
Sample : J2133-02
Misc : 20PPM LOQ
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LOQ-SOIL-02-QT2-2018

Manual Integrations APPROVED
Sohil
5/2/2018 4:50:46 PM

Quant Time: May 02 05:56:21 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 01 19:08:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	58743	20.00	ng		0.00
21) Naphthalene-d8	10.89	136	242289	20.00	ng		0.00
38) Acenaphthene-d10	14.72	164	194039	20.00	ng		0.00
63) Phenanthrene-d10	17.47	188	521162	20.00	ng		0.00
75) Chrysene-d12	21.76	240	559835	20.00	ng		0.00
86) Perylene-d12	25.05	264	575061	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	450716	123.96	ng		0.00
7) Phenol-d6	7.22	99	706882	124.88	ng		0.00
23) Nitrobenzene-d5	9.24	82	540097	85.53	ng		0.00
41) 2,4,6-Tribromophenol	16.20	330	347473	129.32	ng		0.00
44) 2-Fluorobiphenyl	13.34	172	1133912	85.15	ng		0.00
78) Terphenyl-d14	20.09	244	2129682	83.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	30842	20.200	ng	#	83
3) Pyridine	3.95	79	95936	20.026	ng	#	86
4) n-Nitrosodimethylamine	3.86	42	52702	20.176	ng	#	71
6) Aniline	7.40	93	150474	19.545	ng		94
8) 2-Chlorophenol	7.64	128	71997	19.844	ng		96
9) Benzaldehyde	7.21	77	61074	15.820	ng		93
10) Phenol	7.25	94	114444	20.046	ng		85
11) bis(2-Chloroethyl)ether	7.49	93	92686	20.622	ng		92
12) 1,3-Dichlorobenzene	7.97	146	90887	19.801	ng	#	89
13) 1,4-Dichlorobenzene	8.11	146	90130m	19.772	ng		
14) 1,2-Dichlorobenzene	8.43	146	85451	19.735	ng		94
15) Benzyl Alcohol	8.31	79	121124	20.059	ng	#	84
16) 2,2'-oxybis(1-Chloropropan	8.61	45	120407	19.471	ng		88
17) 2-Methylphenol	8.51	107	75596	20.123	ng	#	83
18) Hexachloroethane	9.17	117	33956	17.510	ng		94
19) n-Nitroso-di-n-propylamine	8.88	70	100583	19.787	ng	#	96
20) 3+4-Methylphenols	8.83	107	107406	19.305	ng		82
22) Acetophenone	8.90	105	163310	19.788	ng		99
24) Nitrobenzene	9.28	77	141421	20.459	ng	#	80
25) Isophorone	9.80	82	254331	19.743	ng	#	92
26) 2-Nitrophenol	9.99	139	38645	20.196	ng	#	91
27) 2,4-Dimethylphenol	10.05	122	77137	20.794	ng		91
28) bis(2-Chloroethoxy)methane	10.29	93	126100	19.928	ng		98
29) 2,4-Dichlorophenol	10.52	162	84710	19.104	ng		97
30) 1,2,4-Trichlorobenzene	10.75	180	107458	20.126	ng		96
31) Naphthalene	10.95	128	260680	20.469	ng		98
32) Benzoic acid	10.14	122	57774	20.487	ng	#	79
33) 4-Chloroaniline	11.05	127	114479	19.935	ng	#	85
34) Hexachlorobutadiene	11.23	225	91147	20.169	ng		93
35) Caprolactam	11.80	113	32490	20.628	ng		94
36) 4-Chloro-3-methylphenol	12.15	107	110053	19.141	ng		92
37) 2-Methylnaphthalene	12.55	142	207182	20.064	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	12.91	216	146012	19.446	ng		98
40) Hexachlorocyclopentadiene	12.90	237	85074	19.122	ng		85

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.14	196	86314	19.785	ng		92
43) 2,4,5-Trichlorophenol	13.21	196	100482	20.835	ng		94
45) 1,1'-Biphenyl	13.55	154	305877	20.179	ng		96
46) 2-Chloronaphthalene	13.60	162	226126	19.704	ng		94
47) 2-Nitroaniline	13.79	65	92305	20.118	ng	#	78
48) Acenaphthylene	14.44	152	361991	19.757	ng		97
49) Dimethylphthalate	14.17	163	343041	20.388	ng		99
50) 2,6-Dinitrotoluene	14.28	165	65630	20.309	ng	#	81
51) Acenaphthene	14.78	154	253350	20.345	ng		97
52) 3-Nitroaniline	14.61	138	69831	21.439	ng	#	88
53) 2,4-Dinitrophenol	14.81	184	24560	19.427	ng	#	83
54) Dibenzofuran	15.12	168	361724	20.037	ng	#	90
55) 4-Nitrophenol	14.91	139	49442	19.887	ng	#	71
56) 2,4-Dinitrotoluene	15.07	165	92377	21.053	ng		91
57) Fluorene	15.77	166	314209	19.969	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.33	232	94484	18.938	ng		96
59) Diethylphthalate	15.54	149	349927	19.653	ng		95
60) 4-Chlorophenyl-phenylether	15.76	204	193427	20.663	ng		99
61) 4-Nitroaniline	15.77	138	69737	20.184	ng	#	48
62) Azobenzene	16.06	77	384311	19.981	ng		92
64) 4,6-Dinitro-2-methylphenol	15.83	198	43845	17.893	ng		92
65) n-Nitrosodiphenylamine	15.98	169	280915	19.768	ng		98
66) 4-Bromophenyl-phenylether	16.66	248	118476	18.310	ng		98
67) Hexachlorobenzene	16.77	284	130382	19.850	ng		94
68) Atrazine	16.92	200	85626	11.443	ng		92
69) Pentachlorophenol	17.11	266	84680	18.497	ng		96
70) Phenanthrene	17.51	178	532445	19.882	ng		99
71) Anthracene	17.60	178	535718	19.738	ng		96
72) Carbazole	17.87	167	489041	19.683	ng		98
73) Di-n-butylphthalate	18.44	149	585731	19.586	ng	#	96
74) Fluoranthene	19.52	202	677978	20.035	ng		97
76) Benzidine	19.70	184	248853	17.256	ng		96
77) Pyrene	19.88	202	698018	19.901	ng		98
79) Butylbenzylphthalate	20.79	149	273367	19.965	ng		91
80) Benzo(a)anthracene	21.75	228	713713	19.893	ng		99
81) 3,3'-Dichlorobenzidine	21.66	252	271150	19.985	ng	#	97
82) Chrysene	21.81	228	686652	19.995	ng		96
83) Bis(2-ethylhexyl)phthalate	21.67	149	377553	20.035	ng		98
84) Di-n-octyl phthalate	22.93	149	609143	20.238	ng		99
85) Indeno(1,2,3-cd)pyrene	28.81	276	752694	19.917	ng	#	73
87) Benzo(b)fluoranthene	24.01	252	716931	19.736	ng	#	95
88) Benzo(k)fluoranthene	24.08	252	670869	19.323	ng	#	96
89) Benzo(a)pyrene	24.90	252	667504	19.641	ng	#	95
90) Dibenzo(a,h)anthracene	28.88	278	636164	19.858	ng	#	95
91) Benzo(g,h,i)perylene	29.98	276	609575	19.305	ng	#	90

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

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