Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050118\
Data File : BG034115.D
Acq On : 2 May 2018 14:22
Operator : SJ/JU
Sample : J1161-02
Misc : LOQ 20 PPM
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LOQ-SOIL-02-QT1-2018

Manual Integrations APPROVED
Sohil
5/2/2018 4:51:08 PM

Quant Time: May 02 15:58:05 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	8.08	152	64202	20.00	ng		0.00
21) Naphthalene-d8	10.89	136	263789	20.00	ng		0.00
38) Acenaphthene-d10	14.72	164	199080	20.00	ng		0.00
63) Phenanthrene-d10	17.47	188	554337	20.00	ng		0.00
75) Chrysene-d12	21.76	240	607280	20.00	ng		0.00
86) Perylene-d12	25.05	264	616522	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	507338	127.67	ng		0.00
7) Phenol-d6	7.22	99	768449	124.21	ng		0.00
23) Nitrobenzene-d5	9.24	82	564807	82.15	ng		0.00
41) 2,4,6-Tribromophenol	16.20	330	357172	129.57	ng		0.00
44) 2-Fluorobiphenyl	13.34	172	1157213	84.70	ng		0.00
78) Terphenyl-d14	20.09	244	2244938	80.98	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	34061	20.412	ng	#	83
3) Pyridine	3.95	79	109433	20.901	ng	#	82
4) n-Nitrosodimethylamine	3.86	42	55578	19.468	ng	#	76
6) Aniline	7.40	93	161485	19.191	ng		91
8) 2-Chlorophenol	7.63	128	75276	18.984	ng		82
9) Benzaldehyde	7.21	77	70961	17.041	ng		82
10) Phenol	7.25	94	121412	19.458	ng		80
11) bis(2-Chloroethyl)ether	7.49	93	98052	19.961	ng		91
12) 1,3-Dichlorobenzene	7.97	146	97374	19.411	ng	#	89
13) 1,4-Dichlorobenzene	8.11	146	98453	19.761	ng		97
14) 1,2-Dichlorobenzene	8.43	146	89829m	18.982	ng		
15) Benzyl Alcohol	8.31	79	122384	18.545	ng	#	82
16) 2,2'-oxybis(1-Chloropropan	8.60	45	132095	19.544	ng		82
17) 2-Methylphenol	8.51	107	80929	19.711	ng	#	76
18) Hexachloroethane	9.16	117	43845	20.687	ng	#	81
19) n-Nitroso-di-n-propylamine	8.88	70	106762	19.217	ng	#	92
20) 3+4-Methylphenols	8.83	107	116617	19.178	ng		81
22) Acetophenone	8.89	105	175543	19.536	ng		96
24) Nitrobenzene	9.28	77	150481	19.996	ng	#	82
25) Isophorone	9.80	82	261142	18.619	ng	#	93
26) 2-Nitrophenol	9.99	139	43431	20.847	ng	#	60
27) 2,4-Dimethylphenol	10.04	122	76320	18.897	ng	#	81
28) bis(2-Chloroethoxy)methane	10.29	93	131377	19.070	ng		99
29) 2,4-Dichlorophenol	10.53	162	86412	17.899	ng		96
30) 1,2,4-Trichlorobenzene	10.75	180	116332	20.012	ng		92
31) Naphthalene	10.94	128	272688	19.667	ng		95
32) Benzoic acid	10.14	122	55978	18.637	ng		90
33) 4-Chloroaniline	11.04	127	119941	19.184	ng	#	84
34) Hexachlorobutadiene	11.23	225	97120	19.739	ng		98
35) Caprolactam	11.80	113	35132	20.488	ng	#	88
36) 4-Chloro-3-methylphenol	12.15	107	118897	18.994	ng	#	86
37) 2-Methylnaphthalene	12.54	142	220090	19.577	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	12.91	216	158324	20.552	ng		98
40) Hexachlorocyclopentadiene	12.89	237	90524	19.832	ng		86

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.15	196	91354	20.410	ng		94
43) 2,4,5-Trichlorophenol	13.21	196	107710	21.768	ng		93
45) 1,1'-Biphenyl	13.55	154	321670	20.683	ng		98
46) 2-Chloronaphthalene	13.59	162	239879	20.373	ng		98
47) 2-Nitroaniline	13.79	65	94909	20.162	ng		86
48) Acenaphthylene	14.44	152	385652	20.515	ng		97
49) Dimethylphthalate	14.17	163	344168	19.937	ng		100
50) 2,6-Dinitrotoluene	14.28	165	72178	21.770	ng	#	79
51) Acenaphthene	14.78	154	255876	20.028	ng		97
52) 3-Nitroaniline	14.61	138	69558	20.815	ng	#	87
53) 2,4-Dinitrophenol	14.81	184	25235	19.456	ng	#	57
54) Dibenzofuran	15.12	168	375479	20.272	ng	#	88
55) 4-Nitrophenol	14.90	139	51083	20.027	ng	#	62
56) 2,4-Dinitrotoluene	15.07	165	95485	21.210	ng	#	83
57) Fluorene	15.76	166	317646	19.676	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.33	232	100767	19.686	ng		94
59) Diethylphthalate	15.54	149	363179	19.881	ng		96
60) 4-Chlorophenyl-phenylether	15.76	204	198777	20.697	ng		97
61) 4-Nitroaniline	15.77	138	72122	20.346	ng	#	50
62) Azobenzene	16.06	77	394694	20.001	ng		95
64) 4,6-Dinitro-2-methylphenol	15.83	198	46827	17.966	ng		87
65) n-Nitrosodiphenylamine	15.97	169	287307	19.008	ng		97
66) 4-Bromophenyl-phenylether	16.65	248	130490	18.960	ng		95
67) Hexachlorobenzene	16.77	284	137437	19.672	ng	#	90
68) Atrazine	16.92	200	85652	10.760	ng		97
69) Pentachlorophenol	17.11	266	85279	17.513	ng		95
70) Phenanthrene	17.51	178	551701	19.369	ng		100
71) Anthracene	17.60	178	557679	19.318	ng		98
72) Carbazole	17.87	167	521434	19.731	ng		98
73) Di-n-butylphthalate	18.44	149	620806	19.516	ng	#	96
74) Fluoranthene	19.52	202	723893	20.111	ng		96
76) Benzidine	19.70	184	246962	15.787	ng		98
77) Pyrene	19.88	202	745574	19.596	ng		96
79) Butylbenzylphthalate	20.78	149	286341	19.278	ng		91
80) Benzo(a)anthracene	21.74	228	775561	19.928	ng		97
81) 3,3'-Dichlorobenzidine	21.65	252	291243	19.789	ng	#	97
82) Chrysene	21.81	228	741037	19.893	ng		99
83) Bis(2-ethylhexyl)phthalate	21.67	149	392721	19.211	ng		96
84) Di-n-octyl phthalate	22.92	149	624457	19.126	ng		98
85) Indeno(1,2,3-cd)pyrene	28.81	276	815158	19.884	ng	#	83
87) Benzo(b)fluoranthene	24.01	252	764685	19.635	ng	#	96
88) Benzo(k)fluoranthene	24.08	252	725711	19.497	ng	#	97
89) Benzo(a)pyrene	24.89	252	702688	19.286	ng	#	96
90) Dibenzo(a,h)anthracene	28.88	278	652273	18.991	ng	#	95
91) Benzo(g,h,i)perylene	29.97	276	671662	19.841	ng	#	92

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

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