Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101918\
Data File : BG037452.D
Acq On : 19 Oct 2018 14:00
Operator : JU/SJ
Sample : J5164-02
Misc : LOQ 20PPM
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2018

Manual Integrations APPROVED
Sohil
10/22/2018 3:38:05 PM

Quant Time: Oct 20 00:19:04 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	54001	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	248551	20.00	ng		0.00
39) Acenaphthene-d10	14.74	164	165730	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	396729	20.00	ng		0.00
76) Chrysene-d12	21.77	240	362661	20.00	ng		0.00
87) Perylene-d12	25.11	264	373007	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	463777	143.58	ng		0.00
7) Phenol-d6	7.25	99	671421	137.47	ng		0.00
23) Nitrobenzene-d5	9.29	82	365666	82.41	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	252191	139.52	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	884420	80.47	ng		0.00
79) Terphenyl-d14	20.09	244	1322622	77.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	27189	16.599	ng		99
3) Pyridine	3.94	79	78272	18.959	ng		90
4) n-Nitrosodimethylamine	3.86	42	32960	22.414	ng		98
6) Aniline	7.43	93	100762	16.911	ng		95
8) 2-Chlorophenol	7.67	128	78100	20.669	ng		96
9) Benzaldehyde	7.25	77	54283	17.767	ng		91
10) Phenol	7.28	94	108378	21.031	ng		97
11) bis(2-Chloroethyl)ether	7.52	93	75594	19.314	ng		94
12) 1,3-Dichlorobenzene	7.99	146	82626	19.642	ng		98
13) 1,4-Dichlorobenzene	8.14	146	82969	19.282	ng		99
14) 1,2-Dichlorobenzene	8.46	146	79779	19.274	ng		97
15) Benzyl Alcohol	8.35	79	72078	19.972	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.64	45	140710	20.092	ng		96
17) 2-Methylphenol	8.54	107	71821	21.081	ng		97
18) Hexachloroethane	9.19	117	28626	19.514	ng		88
19) n-Nitroso-di-n-propylamine	8.91	70	64606	19.209	ng		92
20) 3+4-Methylphenols	8.86	107	99406	20.408	ng		97
22) Acetophenone	8.93	105	123529	19.817	ng	#	99
24) Nitrobenzene	9.32	77	93298	20.241	ng		99
25) Isophorone	9.84	82	184189	22.720	ng		99
26) 2-Nitrophenol	10.04	139	40288	19.402	ng		98
27) 2,4-Dimethylphenol	10.07	122	85343	23.019	ng		99
28) bis(2-Chloroethoxy)methane	10.33	93	112427	21.167	ng		98
29) 2,4-Dichlorophenol	10.56	162	83979	20.344	ng		97
30) 1,2,4-Trichlorobenzene	10.79	180	87739	19.545	ng		94
31) Naphthalene	10.98	128	262999	21.543	ng		99
32) Benzoic acid	10.16	122	39746m	16.506	ng		
33) 4-Chloroaniline	11.09	127	87094	15.183	ng		98
34) Hexachlorobutadiene	11.24	225	49869	18.744	ng		96
35) Caprolactam	11.86	113	30802	18.605	ng		94
36) 4-Chloro-3-methylphenol	12.18	107	94580	20.317	ng		100
37) 2-Methylnaphthalene	12.58	142	197655	22.210	ng		99
38) 1-Methylnaphthalene	12.79	142	190303	22.019	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	100177	18.740	ng		98

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	57673	22.586	ng		99
43) 2,4,6-Trichlorophenol	13.17	196	69334	19.414	ng		96
44) 2,4,5-Trichlorophenol	13.24	196	80690	20.752	ng		97
46) 1,1'-Biphenyl	13.58	154	257690	18.775	ng		99
47) 2-Chloronaphthalene	13.62	162	203707	19.618	ng		97
48) 2-Nitroaniline	13.83	65	61717	19.600	ng		98
49) Acenaphthylene	14.46	152	342197	21.908	ng		99
50) Dimethylphthalate	14.19	163	269867	21.049	ng		99
51) 2,6-Dinitrotoluene	14.32	165	57787	20.374	ng		95
52) Acenaphthene	14.80	154	194427	20.211	ng		99
53) 3-Nitroaniline	14.65	138	55376	17.587	ng	#	94
54) 2,4-Dinitrophenol	14.85	184	11394	20.724	ng		92
55) Dibenzofuran	15.14	168	325446	20.419	ng		99
56) 4-Nitrophenol	14.93	139	43863	18.820	ng		93
57) 2,4-Dinitrotoluene	15.10	165	79346	21.312	ng		96
58) Fluorene	15.79	166	262523	21.995	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.35	232	66999	20.124	ng		98
60) Diethylphthalate	15.54	149	272331	20.689	ng		99
61) 4-Chlorophenyl-phenylether	15.77	204	136081	19.561	ng		97
62) 4-Nitroaniline	15.81	138	64403	20.584	ng		93
63) Azobenzene	16.07	77	263065	20.946	ng		97
65) 4,6-Dinitro-2-methylphenol	15.86	198	28948	19.948	ng		97
66) n-Nitrosodiphenylamine	15.99	169	235019	19.694	ng		98
67) 4-Bromophenyl-phenylether	16.67	248	84027	19.287	ng		99
68) Hexachlorobenzene	16.78	284	86729	19.207	ng		97
69) Atrazine	16.93	200	88004	20.397	ng		98
70) Pentachlorophenol	17.13	266	40850	13.506	ng		98
71) Phenanthrene	17.53	178	438945	21.770	ng		97
72) Anthracene	17.62	178	444639	22.471	ng		99
73) Carbazole	17.89	167	400536	20.236	ng		99
74) Di-n-butylphthalate	18.43	149	475098	21.578	ng		98
75) Fluoranthene	19.53	202	511616	22.372	ng		99
77) Benzidine	19.72	184	89606	7.266	ng		97
78) Pyrene	19.89	202	516039	21.767	ng		98
80) Butylbenzylphthalate	20.77	149	199717	20.584	ng		97
81) Benzo(a)anthracene	21.75	228	468609	21.845	ng		100
82) 3,3'-Dichlorobenzidine	21.67	252	121690	14.636	ng		97
83) Chrysene	21.82	228	439649	21.315	ng		98
84) Bis(2-ethylhexyl)phthalate	21.63	149	278579	20.483	ng		97
85) Di-n-octyl phthalate	22.88	149	461855	20.825	ng		98
86) Indeno(1,2,3-cd)pyrene	28.92	276	439875	19.883	ng		99
88) Benzo(b)fluoranthene	24.03	252	437362	21.387	ng		99
89) Benzo(k)fluoranthene	24.11	252	445039	22.213	ng		97
90) Benzo(a)pyrene	24.95	252	429297	22.092	ng		99
91) Dibenzo(a,h)anthracene	29.00	278	367993	20.530	ng		97
92) Benzo(g,h,i)perylene	30.13	276	367101	20.244	ng		100

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

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