Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101918\
Data File : BG037454.D
Acq On : 19 Oct 2018 15:18
Operator : JU/SJ
Sample : J5164-03
Misc : MDL 2PPM
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Oct 20 01:22:59 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

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-SOIL-03-QT4-2018

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	51191	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	241057	20.00	ng		0.00
39) Acenaphthene-d10	14.74	164	161971	20.00	ng		0.00
64) Phenanthrene-d10	17.49	188	391568	20.00	ng		0.00
76) Chrysene-d12	21.77	240	360291	20.00	ng		0.00
87) Perylene-d12	25.10	264	347520	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	416716	136.10	ng		0.00
7) Phenol-d6	7.24	99	615839	133.01	ng		0.00
23) Nitrobenzene-d5	9.28	82	354690	82.43	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	234350	132.66	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	871306	81.12	ng		0.00
79) Terphenyl-d14	20.09	244	1303284	77.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	2705	1.742	ng	#	61
3) Pyridine	3.95	79	7940	2.029	ng	#	74
4) n-Nitrosodimethylamine	3.87	42	3656	2.623	ng	#	57
6) Aniline	7.43	93	6999	1.239	ng	#	93
8) 2-Chlorophenol	7.66	128	7335	2.048	ng		95
9) Benzaldehyde	7.26	77	5738	1.981	ng		89
10) Phenol	7.27	94	10281	2.105	ng		93
11) bis(2-Chloroethyl)ether	7.53	93	7956	2.144	ng		84
12) 1,3-Dichlorobenzene	7.99	146	8136	2.040	ng		94
13) 1,4-Dichlorobenzene	8.14	146	7883m	1.933	ng		
14) 1,2-Dichlorobenzene	8.46	146	7898	2.013	ng		95
15) Benzyl Alcohol	8.34	79	6145	1.796	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.63	45	13272	1.999	ng		93
17) 2-Methylphenol	8.54	107	6440	1.994	ng		95
18) Hexachloroethane	9.20	117	2637	1.896	ng	#	81
19) n-Nitroso-di-n-propylamine	8.91	70	6186	1.940	ng	#	94
20) 3+4-Methylphenols	8.86	107	8302	1.798	ng		91
22) Acetophenone	8.94	105	11591	1.917	ng	#	91
24) Nitrobenzene	9.32	77	9305	2.082	ng		92
25) Isophorone	9.84	82	15701	1.997	ng	#	97
26) 2-Nitrophenol	10.04	139	3218	1.598	ng	#	86
27) 2,4-Dimethylphenol	10.07	122	7062	1.964	ng	#	81
28) bis(2-Chloroethoxy)methane	10.32	93	10391	2.017	ng		95
29) 2,4-Dichlorophenol	10.56	162	6973	1.742	ng		97
30) 1,2,4-Trichlorobenzene	10.78	180	8604	1.976	ng		85
31) Naphthalene	10.98	128	26717	2.256	ng		99
33) 4-Chloroaniline	11.09	127	6658	1.197	ng	#	91
34) Hexachlorobutadiene	11.25	225	4476	1.735	ng		98
35) Caprolactam	11.85	113	1737m	1.082	ng		
36) 4-Chloro-3-methylphenol	12.19	107	7922	1.755	ng		94
37) 2-Methylnaphthalene	12.57	142	19465	2.255	ng		97
38) 1-Methylnaphthalene	12.79	142	18015	2.149	ng		94
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	10257	1.963	ng		99
41) Hexachlorocyclopentadiene	12.90	237	4520	1.811	ng		89

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	13.17	196	5616	1.609	ng		93
44) 2,4,5-Trichlorophenol	13.24	196	6224	1.638	ng	#	82
46) 1,1'-Biphenyl	13.57	154	26653	1.987	ng		97
47) 2-Chloronaphthalene	13.62	162	20631	2.033	ng		98
48) 2-Nitroaniline	13.83	65	4600	1.495	ng		92
49) Acenaphthylene	14.47	152	32668	2.140	ng		95
50) Dimethylphthalate	14.18	163	26261	2.096	ng	#	97
51) 2,6-Dinitrotoluene	14.31	165	4369	1.576	ng		92
52) Acenaphthene	14.80	154	19803	2.106	ng		98
53) 3-Nitroaniline	14.65	138	3986	1.295	ng	#	79
55) Dibenzofuran	15.14	168	34423	2.210	ng		97
56) 4-Nitrophenol	14.94	139	1460	0.641	ng		90
57) 2,4-Dinitrotoluene	15.10	165	5837	1.604	ng	#	87
58) Fluorene	15.78	166	26661	2.286	ng		94
59) 2,3,4,6-Tetrachlorophenol	15.35	232	4890	1.503	ng	#	96
60) Diethylphthalate	15.54	149	25468	1.980	ng		99
61) 4-Chlorophenyl-phenylether	15.78	204	12947	1.904	ng		99
62) 4-Nitroaniline	15.81	138	4739	1.550	ng		86
63) Azobenzene	16.06	77	25386	2.068	ng		96
66) n-Nitrosodiphenylamine	15.99	169	22740	1.931	ng		94
67) 4-Bromophenyl-phenylether	16.67	248	8518	1.981	ng		93
68) Hexachlorobenzene	16.77	284	8244	1.850	ng	#	85
69) Atrazine	16.93	200	7408	1.740	ng		89
70) Pentachlorophenol	17.12	266	1462	0.490	ng	#	79
71) Phenanthrene	17.53	178	45797	2.301	ng		99
72) Anthracene	17.62	178	43647m	2.235	ng		
73) Carbazole	17.89	167	34779	1.780	ng	#	96
74) Di-n-butylphthalate	18.43	149	39304	1.809	ng	#	99
75) Fluoranthene	19.53	202	48300	2.140	ng		98
77) Benzidine	19.72	184	4123	0.337	ng	#	93
78) Pyrene	19.89	202	47785	2.029	ng		96
80) Butylbenzylphthalate	20.77	149	15976	1.657	ng	#	90
81) Benzo(a)anthracene	21.75	228	45134	2.118	ng		97
82) 3,3'-Dichlorobenzidine	21.66	252	8510	1.030	ng		90
83) Chrysene	21.82	228	44018	2.148	ng		97
84) Bis(2-ethylhexyl)phthalate	21.63	149	20116	1.489	ng	#	97
85) Di-n-octyl phthalate	22.88	149	31204	1.416	ng	#	96
86) Indeno(1,2,3-cd)pyrene	28.93	276	31364m	1.427	ng		
88) Benzo(b)fluoranthene	24.03	252	37752	1.981	ng	#	96
89) Benzo(k)fluoranthene	24.10	252	42233m	2.263	ng		
90) Benzo(a)pyrene	24.94	252	35712	1.973	ng		97
91) Dibenzo(a,h)anthracene	29.01	278	21971	1.316	ng	#	95
92) Benzo(g,h,i)perylene	30.12	276	28305	1.675	ng		98

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

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