Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100918\
Data File : BG037225.D
Acq On : 9 Oct 2018 20:07
Operator : JU/SJ
Sample : J5270-08MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PHASE-3-SOILMSD

Manual Integrations APPROVED
Sohil
10/10/2018 12:41:20 PM

Quant Time: Oct 10 07:41:22 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 10 06:57:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	46162	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	182861	20.00	ng	0.00
38) Acenaphthene-d10	14.59	164	115080	20.00	ng	0.00
63) Phenanthrene-d10	17.33	188	307093	20.00	ng	0.00
75) Chrysene-d12	21.59	240	320272	20.00	ng	0.00
86) Perylene-d12	24.71	264	326306	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	278602	115.74	ng	0.00
7) Phenol-d6	7.12	99	347508	93.31	ng	0.00
23) Nitrobenzene-d5	9.11	82	284519	83.32	ng	0.00
41) 2,4,6-Tribromophenol	16.08	330	185142	134.47	ng	0.00
44) 2-Fluorobiphenyl	13.21	172	612400	79.26	ng	0.00
78) Terphenyl-d14	19.94	244	1123148	92.21	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.41	88	44467	40.372	ng	# 84
3) Pyridine	3.82	79	103670	32.598	ng	98
4) n-Nitrosodimethylamine	3.73	42	62503	44.219	ng	# 94
6) Aniline	7.28	93	62190	12.870	ng	97
8) 2-Chlorophenol	7.52	128	124199	44.438	ng	98
9) Benzaldehyde	7.09	77	54685	22.222	ng	96
10) Phenol	7.14	94	138360	35.999	ng	96
11) bis(2-Chloroethyl)ether	7.37	93	122968	34.588	ng	99
12) 1,3-Dichlorobenzene	7.84	146	139908	40.831	ng	98
13) 1,4-Dichlorobenzene	7.99	146	137010	39.073	ng	99
14) 1,2-Dichlorobenzene	8.30	146	135456	39.863	ng	97
15) Benzyl Alcohol	8.19	79	112966	37.384	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.48	45	254467	37.281	ng	95
17) 2-Methylphenol	8.40	107	105062	39.243	ng	98
18) Hexachloroethane	9.03	117	55287	42.845	ng	89
19) n-Nitroso-di-n-propylamine	8.75	70	110886	35.792	ng	97
20) 3+4-Methylphenols	8.73	107	141802	38.073	ng	99
22) Acetophenone	8.77	105	204865	47.674	ng	98
24) Nitrobenzene	9.15	77	160167	43.923	ng	97
25) Isophorone	9.68	82	318745	51.086	ng	98
26) 2-Nitrophenol	9.87	139	69380	47.733	ng	97
27) 2,4-Dimethylphenol	9.92	122	119977	52.990	ng	99
28) bis(2-Chloroethoxy)methane	10.16	93	172483	44.800	ng	99
29) 2,4-Dichlorophenol	10.41	162	124718	47.518	ng	95
30) 1,2,4-Trichlorobenzene	10.62	180	140289	42.711	ng	98
31) Naphthalene	10.81	128	420257	48.302	ng	99
32) Benzoic acid	10.05	122	2657	7.165	ng	# 77
33) 4-Chloroaniline	10.93	127	8303	2.099	ng	# 87
34) Hexachlorobutadiene	11.09	225	96908	42.663	ng	98
35) Caprolactam	11.72	113	37964m	35.143	ng	
36) 4-Chloro-3-methylphenol	12.04	107	148310	47.357	ng	94
37) 2-Methylnaphthalene	12.41	142	309459	46.700	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.78	216	173344	43.187	ng	98
40) Hexachlorocyclopentadiene	12.76	237	205088	99.350	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.02	196	112835	50.624	ng		99
43) 2,4,5-Trichlorophenol	13.09	196	117214	49.319	ng		99
45) 1,1'-Biphenyl	13.42	154	400385	45.429	ng		98
46) 2-Chloronaphthalene	13.46	162	305331	44.052	ng		99
47) 2-Nitroaniline	13.67	65	114898	47.927	ng		99
48) Acenaphthylene	14.31	152	528654	48.674	ng		99
49) Dimethylphthalate	14.04	163	433237	46.770	ng		98
50) 2,6-Dinitrotoluene	14.16	165	98374	48.674	ng		93
51) Acenaphthene	14.65	154	303279	46.202	ng		99
52) 3-Nitroaniline	14.50	138	21275	9.990	ng		99
53) 2,4-Dinitrophenol	14.71	184	36729	42.719	ng	#	83
54) Dibenzofuran	14.98	168	500227	45.053	ng		100
55) 4-Nitrophenol	14.81	139	123260	90.597	ng		99
56) 2,4-Dinitrotoluene	14.95	165	139453	49.449	ng		92
57) Fluorene	15.64	166	408257	49.195	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.21	232	117729	48.830	ng		98
59) Diethylphthalate	15.41	149	444247	47.549	ng		100
60) 4-Chlorophenyl-phenylether	15.63	204	223874	42.597	ng		99
61) 4-Nitroaniline	15.66	138	107390	47.939	ng		95
62) Azobenzene	15.92	77	432051	48.128	ng		99
64) 4,6-Dinitro-2-methylphenol	15.72	198	49041	30.545	ng		94
65) n-Nitrosodiphenylamine	15.84	169	376817	44.447	ng		98
66) 4-Bromophenyl-phenylether	16.52	248	146695	41.997	ng		98
67) Hexachlorobenzene	16.64	284	151389	42.081	ng		99
68) Atrazine	16.79	200	167446	48.778	ng		98
69) Pentachlorophenol	16.99	266	80867	35.702	ng		99
70) Phenanthrene	17.37	178	720870	48.712	ng		99
71) Anthracene	17.47	178	718764	49.119	ng		99
72) Carbazole	17.74	167	665414	46.639	ng		99
73) Di-n-butylphthalate	18.29	149	806101	50.876	ng		99
74) Fluoranthene	19.38	202	889006	49.907	ng		99
76) Benzidine	19.58	184	41596	4.296	ng		97
77) Pyrene	19.74	202	901521	46.908	ng		100
79) Butylbenzylphthalate	20.63	149	380649	49.690	ng		96
80) Benzo(a)anthracene	21.57	228	890977	47.657	ng		100
81) 3,3'-Dichlorobenzidine	21.49	252	97856	13.751	ng		96
82) Chrysene	21.63	228	823023	45.562	ng		99
83) Bis(2-ethylhexyl)phthalate	21.48	149	527453	49.287	ng		100
84) Di-n-octyl phthalate	22.65	149	889275	50.470	ng		98
85) Indeno(1,2,3-cd)pyrene	28.27	276	993229m	51.203	ng		
87) Benzo(b)fluoranthene	23.73	252	850821	48.927	ng		98
88) Benzo(k)fluoranthene	23.79	252	825241	47.301	ng		99
89) Benzo(a)pyrene	24.57	252	832582	49.523	ng		99
90) Dibenzo(a,h)anthracene	28.33	278	797086m	50.588	ng		
91) Benzo(g,h,i)perylene	29.38	276	813724m	51.459	ng		

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

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