Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091218\
Data File : BG036677.D
Acq On : 12 Sep 2018 17:46
Operator : JU/SJ
Sample : J4842-18MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SG-SOILMSD

Manual Integrations APPROVED
Sohil
9/13/2018 10:36:17 AM

Quant Time: Sep 13 01:36:01 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 31 13:03:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	61698	20.00	ng		-0.01
21) Naphthalene-d8	10.86	136	260083	20.00	ng		0.00
38) Acenaphthene-d10	14.68	164	170308	20.00	ng		0.00
63) Phenanthrene-d10	17.42	188	423146	20.00	ng		-0.01
75) Chrysene-d12	21.69	240	422613	20.00	ng		0.00
86) Perylene-d12	24.89	264	427588	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	436988	112.35	ng		0.00
7) Phenol-d6	7.21	99	560826	100.71	ng		0.00
23) Nitrobenzene-d5	9.22	82	420093	87.64	ng		0.00
41) 2,4,6-Tribromophenol	16.17	330	277170	136.39	ng		0.00
44) 2-Fluorobiphenyl	13.30	172	944350	79.17	ng		-0.01
78) Terphenyl-d14	20.03	244	1550525	85.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	63256	34.849	ng	#	93
3) Pyridine	3.94	79	179973	35.323	ng		97
4) n-Nitrosodimethylamine	3.84	42	98774	43.525	ng		96
6) Aniline	7.38	93	127059	17.975	ng		95
8) 2-Chlorophenol	7.62	128	207866	49.282	ng		97
9) Benzaldehyde	7.19	77	99187	25.865	ng		97
10) Phenol	7.24	94	246659	42.326	ng		99
11) bis(2-Chloroethyl)ether	7.47	93	211843	45.853	ng		99
12) 1,3-Dichlorobenzene	7.94	146	212059	44.030	ng		98
13) 1,4-Dichlorobenzene	8.09	146	213871	43.983	ng		99
14) 1,2-Dichlorobenzene	8.41	146	208835	44.970	ng		99
15) Benzyl Alcohol	8.29	79	209150	46.590	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.58	45	392992	42.179	ng		97
17) 2-Methylphenol	8.49	107	187094	48.351	ng		98
18) Hexachloroethane	9.14	117	78563	45.063	ng		93
19) n-Nitroso-di-n-propylamine	8.86	70	179946	43.237	ng		95
20) 3+4-Methylphenols	8.82	107	259333	48.003	ng		98
22) Acetophenone	8.88	105	333138	48.778	ng	#	98
24) Nitrobenzene	9.26	77	266809	51.617	ng		95
25) Isophorone	9.78	82	499471	52.451	ng		97
26) 2-Nitrophenol	9.97	139	117652	57.438	ng		97
27) 2,4-Dimethylphenol	10.03	122	210320	55.461	ng		98
28) bis(2-Chloroethoxy)methane	10.26	93	294006	50.306	ng		98
29) 2,4-Dichlorophenol	10.50	162	233189	56.108	ng		94
30) 1,2,4-Trichlorobenzene	10.72	180	236570	48.657	ng		99
31) Naphthalene	10.91	128	673991	51.840	ng		99
32) Benzoic acid	10.16	122	103057	37.714	ng		97
33) 4-Chloroaniline	11.02	127	27136	4.555	ng		96
34) Hexachlorobutadiene	11.19	225	160171	49.032	ng		99
35) Caprolactam	11.79	113	64031m	38.675	ng		
36) 4-Chloro-3-methylphenol	12.13	107	253131	52.417	ng		99
37) 2-Methylnaphthalene	12.51	142	521286	54.797	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	299102	49.627	ng		99
40) Hexachlorocyclopentadiene	12.85	237	332608	106.066	ng		97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	201477	54.878 ng	96
43) 2,4,5-Trichlorophenol	13.18	196	217030	55.423 ng	99
45) 1,1'-Biphenyl	13.51	154	670927	47.459 ng	98
46) 2-Chloronaphthalene	13.56	162	522614	48.425 ng	99
47) 2-Nitroaniline	13.76	65	187623	55.362 ng	97
48) Acenaphthylene	14.40	152	879930	52.170 ng	99
49) Dimethylphthalate	14.13	163	702174	50.492 ng	99
50) 2,6-Dinitrotoluene	14.25	165	158018	55.220 ng	92
51) Acenaphthene	14.74	154	521066	48.237 ng	98
52) 3-Nitroaniline	14.57	138	68388	22.177 ng	99
53) 2,4-Dinitrophenol	14.78	184	78586	72.502 ng	98
54) Dibenzofuran	15.07	168	838877	49.569 ng	99
55) 4-Nitrophenol	14.88	139	198051	78.549 ng	99
56) 2,4-Dinitrotoluene	15.04	165	220051	59.003 ng	90
57) Fluorene	15.73	166	666438	52.677 ng	96
58) 2,3,4,6-Tetrachlorophenol	15.30	232	212050	57.636 ng	95
59) Diethylphthalate	15.49	149	692646	49.422 ng	100
60) 4-Chlorophenyl-phenylether	15.71	204	391883	50.164 ng	97
61) 4-Nitroaniline	15.74	138	163529	50.676 ng	94
62) Azobenzene	16.01	77	679710	47.666 ng	98
64) 4,6-Dinitro-2-methylphenol	15.80	198	88533	47.629 ng	97
65) n-Nitrosodiphenylamine	15.93	169	616302	49.017 ng	97
66) 4-Bromophenyl-phenylether	16.61	248	260194	52.520 ng	99
67) Hexachlorobenzene	16.72	284	257389	50.809 ng	99
68) Atrazine	16.88	200	263862	55.911 ng	98
69) Pentachlorophenol	17.07	266	276422	80.287 ng	98
70) Phenanthrene	17.47	178	1109272	51.591 ng	97
71) Anthracene	17.55	178	1128052	52.632 ng	97
72) Carbazole	17.82	167	1001824	46.804 ng	100
73) Di-n-butylphthalate	18.38	149	1135298	47.630 ng	99
74) Fluoranthene	19.47	202	1346891	51.379 ng	98
76) Benzidine	19.64	184	97756	7.250 ng	99
77) Pyrene	19.83	202	1335740	51.398 ng	98
79) Butylbenzylphthalate	20.71	149	539131	52.128 ng	95
80) Benzo(a)anthracene	21.67	228	1343826	52.488 ng	98
81) 3,3'-Dichlorobenzidine	21.58	252	200821	19.681 ng	99
82) Chrysene	21.74	228	1264191	52.093 ng	98
83) Bis(2-ethylhexyl)phthalate	21.57	149	735395	50.812 ng	99
84) Di-n-octyl phthalate	22.78	149	1217028	50.344 ng	97
85) Indeno(1,2,3-cd)pyrene	28.53	276	1299876	46.117 ng	96
87) Benzo(b)fluoranthene	23.88	252	1325652	55.831 ng	97
88) Benzo(k)fluoranthene	23.95	252	1299397	56.016 ng	98
89) Benzo(a)pyrene	24.74	252	1296023	56.802 ng	100
90) Dibenzo(a,h)anthracene	28.60	278	999475	45.375 ng	98
91) Benzo(g,h,i)perylene	29.68	276	1026630	46.380 ng	97

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

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