Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072518\
Data File : BN002148.D
Acq On : 25 Jul 2018 22:26
Operator : JU/SJ
Sample : J3762-03
Misc : MDL 1 PPM
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2018

Manual Integrations APPROVED
Sohil
7/27/2018 11:35:40 AM

Quant Time: Jul 26 07:04:35 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN072518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 25 20:08:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	211192	20.00	ng		0.00
21) Naphthalene-d8	10.46	136	838906	20.00	ng		0.00
38) Acenaphthene-d10	14.32	164	485911	20.00	ng		0.00
63) Phenanthrene-d10	17.07	188	1030389	20.00	ng		0.00
75) Chrysene-d12	21.27	240	897235	20.00	ng		0.00
86) Perylene-d12	23.49	264	852737	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	1527680	116.46	ng		0.00
7) Phenol-d6	6.88	99	2063086	112.07	ng		0.00
23) Nitrobenzene-d5	8.84	82	1428057	87.30	ng		0.00
41) 2,4,6-Tribromophenol	15.82	330	788453	124.96	ng		0.00
44) 2-Fluorobiphenyl	12.94	172	3235414	86.73	ng		0.00
78) Terphenyl-d14	19.71	244	4601382	106.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	4510	0.916	ng	#	56
3) Pyridine	3.70	79	9115	0.639	ng	#	61
4) n-Nitrosodimethylamine	3.60	42	5639	0.922	ng	#	38
6) Aniline	7.03	93	12392	0.551	ng	#	93
8) 2-Chlorophenol	7.26	128	13784	0.906	ng		98
9) Benzaldehyde	6.85	77	15065	1.329	ng		96
10) Phenol	6.90	94	17087	0.906	ng	#	66
11) bis(2-Chloroethyl)ether	7.13	93	12820	0.835	ng		94
12) 1,3-Dichlorobenzene	7.58	146	15097	0.871	ng		96
13) 1,4-Dichlorobenzene	7.73	146	15765	0.889	ng		95
14) 1,2-Dichlorobenzene	8.04	146	15522	0.907	ng		93
15) Benzyl Alcohol	7.94	79	7091	0.510	ng	#	83
16) 2,2'-oxybis(1-Chloropropan	8.22	45	22211	0.896	ng		92
17) 2-Methylphenol	8.14	107	10552	0.819	ng		97
18) Hexachloroethane	8.76	117	5813	0.895	ng		91
19) n-Nitroso-di-n-propylamine	8.49	70	9903	0.742	ng	#	94
20) 3+4-Methylphenols	8.48	107	13673	0.761	ng		97
22) Acetophenone	8.51	105	20845	0.958	ng	#	93
24) Nitrobenzene	8.88	77	16161	0.953	ng		93
25) Isophorone	9.40	82	26707	0.951	ng		95
26) 2-Nitrophenol	9.60	139	5323	0.650	ng		96
27) 2,4-Dimethylphenol	9.66	122	11006	0.966	ng	#	80
28) bis(2-Chloroethoxy)methane	9.89	93	16276	0.897	ng		96
29) 2,4-Dichlorophenol	10.13	162	9378	0.706	ng		91
30) 1,2,4-Trichlorobenzene	10.33	180	14176	0.942	ng		91
31) Naphthalene	10.52	128	43305	1.023	ng		97
32) Benzoic acid	9.79	122	1942m	0.201	ng		
33) 4-Chloroaniline	10.65	127	11065	0.587	ng	#	92
34) Hexachlorobutadiene	10.80	225	8317	0.903	ng		91
35) Caprolactam	11.40	113	2261	0.499	ng		94
36) 4-Chloro-3-methylphenol	11.76	107	10676	0.707	ng		97
37) 2-Methylnaphthalene	12.13	142	30793	1.031	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.50	216	15712	0.962	ng		96
40) Hexachlorocyclopentadiene	12.49	237	6754	0.732	ng		87

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.75	196	7761	0.708 ng		96
43) 2,4,5-Trichlorophenol	12.83	196	8156	0.702 ng		90
45) 1,1'-Biphenyl	13.15	154	44634	1.044 ng		99
46) 2-Chloronaphthalene	13.19	162	30297	0.918 ng		98
47) 2-Nitroaniline	13.41	65	6854	0.645 ng		95
48) Acenaphthylene	14.05	152	46981	0.938 ng		97
49) Dimethylphthalate	13.78	163	35560	0.881 ng		99
50) 2,6-Dinitrotoluene	13.90	165	5953	0.664 ng		93
51) Acenaphthene	14.39	154	28382	0.941 ng		91
52) 3-Nitroaniline	14.24	138	5516	0.568 ng	#	92
54) Dibenzofuran	14.72	168	47346	0.968 ng		98
55) 4-Nitrophenol	14.58	139	3085	0.414 ng	#	81
56) 2,4-Dinitrotoluene	14.70	165	7134	0.586 ng	#	90
57) Fluorene	15.37	166	35924	0.974 ng		97
58) 2,3,4,6-Tetrachlorophenol	14.96	232	7263	0.727 ng	#	95
59) Diethylphthalate	15.15	149	33696	0.820 ng		98
60) 4-Chlorophenyl-phenylether	15.37	204	18260	0.895 ng		97
61) 4-Nitroaniline	15.40	138	5034	0.508 ng		93
62) Azobenzene	15.66	77	31035	0.787 ng		95
64) 4,6-Dinitro-2-methylphenol	15.47	198	2200	0.316 ng		75
65) n-Nitrosodiphenylamine	15.59	169	28514	0.834 ng		95
66) 4-Bromophenyl-phenylether	16.27	248	10529	0.873 ng	#	82
67) Hexachlorobenzene	16.38	284	12145	0.910 ng		95
68) Atrazine	16.54	200	7945	0.690 ng		96
69) Pentachlorophenol	16.73	266	3078	0.358 ng		88
70) Phenanthrene	17.11	178	58142	1.034 ng		98
71) Anthracene	17.20	178	52156	0.937 ng		98
72) Carbazole	17.48	167	42738	0.765 ng		97
73) Di-n-butylphthalate	18.05	149	43789	0.672 ng		99
74) Fluoranthene	19.13	202	54522	0.893 ng		93
76) Benzidine	19.33	184	8960	0.306 ng	#	88
77) Pyrene	19.50	202	56289	0.910 ng		96
79) Butylbenzylphthalate	20.41	149	17080	0.634 ng	#	93
80) Benzo(a)anthracene	21.25	228	56342	1.030 ng		98
81) 3,3'-Dichlorobenzidine	21.19	252	10701	0.502 ng		93
82) Chrysene	21.30	228	51217	0.984 ng		97
83) Bis(2-ethylhexyl)phthalate	21.19	149	26029	0.693 ng	#	85
84) Di-n-octyl phthalate	22.07	149	39071	0.656 ng	#	94
85) Indeno(1,2,3-cd)pyrene	25.72	276	51256	1.010 ng	#	92
87) Benzo(b)fluoranthene	22.83	252	49358m	0.981 ng		
88) Benzo(k)fluoranthene	22.87	252	49862	1.006 ng	#	96
89) Benzo(a)pyrene	23.40	252	46824	0.996 ng		98
90) Dibenzo(a,h)anthracene	25.73	278	42542	0.964 ng	#	93
91) Benzo(g,h,i)perylene	26.40	276	42664	1.000 ng		96

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

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