Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072518\
Data File : BN002150.D
Acq On : 25 Jul 2018 23:36
Operator : JU/SJ
Sample : J3762-03
Misc : MDL 5 PPM
ALS Vial : 11 Sample Multiplier: 1

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

Manual Integrations APPROVED
Sohil
7/27/2018 11:35:45 AM

Quant Time: Jul 26 07:01:44 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	212285	20.00	ng		0.00
21) Naphthalene-d8	10.46	136	859338	20.00	ng		0.00
38) Acenaphthene-d10	14.32	164	489229	20.00	ng		0.00
63) Phenanthrene-d10	17.07	188	1035671	20.00	ng		0.00
75) Chrysene-d12	21.27	240	901227	20.00	ng		0.00
86) Perylene-d12	23.49	264	834514	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	1629685	123.59	ng		0.00
7) Phenol-d6	6.88	99	2181934	117.92	ng		0.00
23) Nitrobenzene-d5	8.84	82	1471185	87.80	ng		0.00
41) 2,4,6-Tribromophenol	15.82	330	790677	124.46	ng		0.00
44) 2-Fluorobiphenyl	12.94	172	3317668	88.33	ng		0.00
78) Terphenyl-d14	19.71	244	4669977	108.07	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	24297	4.908	ng	#	82
3) Pyridine	3.68	79	60934	4.249	ng	#	67
4) n-Nitrosodimethylamine	3.59	42	29708	4.830	ng	#	67
6) Aniline	7.03	93	81207	3.593	ng		99
8) 2-Chlorophenol	7.26	128	69235	4.527	ng		93
9) Benzaldehyde	6.85	77	64201	5.634	ng		93
10) Phenol	6.90	94	90242	4.758	ng		93
11) bis(2-Chloroethyl)ether	7.13	93	68022	4.406	ng		94
12) 1,3-Dichlorobenzene	7.58	146	77619	4.454	ng		99
13) 1,4-Dichlorobenzene	7.73	146	79762	4.474	ng		97
14) 1,2-Dichlorobenzene	8.04	146	76523	4.449	ng		98
15) Benzyl Alcohol	7.93	79	48537	3.476	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.22	45	115584	4.636	ng		95
17) 2-Methylphenol	8.13	107	58885	4.547	ng		94
18) Hexachloroethane	8.76	117	28477	4.364	ng		94
19) n-Nitroso-di-n-propylamine	8.49	70	55804	4.158	ng		98
20) 3+4-Methylphenols	8.46	107	77984	4.316	ng		93
22) Acetophenone	8.50	105	109158	4.899	ng		96
24) Nitrobenzene	8.88	77	88239	5.081	ng		95
25) Isophorone	9.40	82	147282	5.119	ng		95
26) 2-Nitrophenol	9.59	139	34715	4.138	ng		94
27) 2,4-Dimethylphenol	9.65	122	61836	5.300	ng		98
28) bis(2-Chloroethoxy)methane	9.88	93	92163	4.959	ng		99
29) 2,4-Dichlorophenol	10.12	162	63374	4.658	ng		90
30) 1,2,4-Trichlorobenzene	10.33	180	71635	4.649	ng		98
31) Naphthalene	10.52	128	225696	5.204	ng		98
32) Benzoic acid	9.73	122	21792	2.201	ng	#	88
33) 4-Chloroaniline	10.63	127	68837	3.567	ng		99
34) Hexachlorobutadiene	10.80	225	42643	4.520	ng		95
35) Caprolactam	11.38	113	16397	3.532	ng	#	57
36) 4-Chloro-3-methylphenol	11.76	107	69010	4.461	ng		97
37) 2-Methylnaphthalene	12.13	142	163495	5.345	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.50	216	80395	4.887	ng		98
40) Hexachlorocyclopentadiene	12.48	237	43093	4.638	ng		91

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.75	196	48636	4.407 ng		97
43) 2,4,5-Trichlorophenol	12.82	196	52463	4.487 ng		97
45) 1,1'-Biphenyl	13.15	154	213503	4.959 ng		99
46) 2-Chloronaphthalene	13.19	162	161054	4.847 ng		99
47) 2-Nitroaniline	13.40	65	44340	4.147 ng		98
48) Acenaphthylene	14.04	152	259547	5.147 ng		98
49) Dimethylphthalate	13.78	163	196227	4.829 ng		99
50) 2,6-Dinitrotoluene	13.90	165	40423	4.477 ng		99
51) Acenaphthene	14.39	154	153546	5.055 ng		97
52) 3-Nitroaniline	14.23	138	33996	3.475 ng	#	80
53) 2,4-Dinitrophenol	14.45	184	13166	2.754 ng		94
54) Dibenzofuran	14.72	168	245810	4.991 ng		96
55) 4-Nitrophenol	14.55	139	27068	3.604 ng		91
56) 2,4-Dinitrotoluene	14.69	165	52546	4.288 ng		90
57) Fluorene	15.37	166	192648	5.190 ng		96
58) 2,3,4,6-Tetrachlorophenol	14.95	232	43708m	4.347 ng		
59) Diethylphthalate	15.15	149	193357	4.675 ng		98
60) 4-Chlorophenyl-phenylether	15.37	204	97497	4.747 ng		99
61) 4-Nitroaniline	15.39	138	39063	3.917 ng		92
62) Azobenzene	15.66	77	190368	4.796 ng		98
64) 4,6-Dinitro-2-methylphenol	15.46	198	21164	3.027 ng		98
65) n-Nitrosodiphenylamine	15.59	169	163087	4.746 ng		97
66) 4-Bromophenyl-phenylether	16.26	248	57306	4.727 ng	#	89
67) Hexachlorobenzene	16.38	284	64360	4.799 ng		99
68) Atrazine	16.54	200	49883	4.311 ng		94
69) Pentachlorophenol	16.73	266	22582	2.616 ng		99
70) Phenanthrene	17.11	178	295024	5.219 ng		99
71) Anthracene	17.20	178	288743	5.160 ng		97
72) Carbazole	17.47	167	249420	4.443 ng		96
73) Di-n-butylphthalate	18.05	149	269697	4.118 ng		98
74) Fluoranthene	19.13	202	295168	4.809 ng		96
76) Benzidine	19.32	184	71495	2.432 ng		98
77) Pyrene	19.50	202	302733	4.871 ng		100
79) Butylbenzylphthalate	20.41	149	104621	3.867 ng		94
80) Benzo(a)anthracene	21.25	228	280257	5.102 ng		97
81) 3,3'-Dichlorobenzidine	21.19	252	64479	3.013 ng	#	95
82) Chrysene	21.30	228	264683	5.061 ng		96
83) Bis(2-ethylhexyl)phthalate	21.19	149	151049	4.004 ng		96
84) Di-n-octyl phthalate	22.07	149	246608	4.123 ng		98
85) Indeno(1,2,3-cd)pyrene	25.72	276	268213	5.260 ng	#	94
87) Benzo(b)fluoranthene	22.83	252	259893	5.277 ng		97
88) Benzo(k)fluoranthene	22.87	252	244558	5.042 ng	#	97
89) Benzo(a)pyrene	23.39	252	239232	5.201 ng	#	98
90) Dibenzo(a,h)anthracene	25.73	278	227048	5.258 ng	#	95
91) Benzo(g,h,i)perylene	26.40	276	223631	5.359 ng	#	95

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

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