Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102418\
Data File : BN003283.D
Acq On : 24 Oct 2018 22:03
Operator : MJ/SJ
Sample : J5164-03
Misc : MDL 8PPM
ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Oct 25 05:24:35 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-BN102418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 24 14:21:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	100374	20.00	ng		0.00
21) Naphthalene-d8	10.37	136	471216	20.00	ng		0.00
39) Acenaphthene-d10	14.24	164	298045	20.00	ng		0.00
64) Phenanthrene-d10	17.00	188	704255	20.00	ng		0.00
76) Chrysene-d12	21.20	240	791738	20.00	ng		0.00
87) Perylene-d12	23.42	264	806283	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	860275	149.28	ng		0.00
7) Phenol-d6	6.80	99	1203797	146.90	ng		0.00
23) Nitrobenzene-d5	8.76	82	680538	82.82	ng		0.00
42) 2,4,6-Tribromophenol	15.75	330	594568	148.15	ng		0.00
45) 2-Fluorobiphenyl	12.85	172	1808340	82.30	ng		0.00
79) Terphenyl-d14	19.64	244	2877054	77.71	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.21	88	18500	6.761	ng		97
3) Pyridine	3.60	79	43129	6.898	ng		98
4) n-Nitrosodimethylamine	3.52	42	19929	8.657	ng	#	97
6) Aniline	6.95	93	77985	7.621	ng		99
8) 2-Chlorophenol	7.18	128	57468	8.096	ng		98
9) Benzaldehyde	6.77	77	37444	7.868	ng		97
10) Phenol	6.82	94	71601	8.280	ng		89
11) bis(2-Chloroethyl)ether	7.04	93	53437	7.566	ng		98
12) 1,3-Dichlorobenzene	7.49	146	60649	7.685	ng		97
13) 1,4-Dichlorobenzene	7.63	146	62735	7.720	ng		96
14) 1,2-Dichlorobenzene	7.95	146	61914	7.851	ng		99
15) Benzyl Alcohol	7.86	79	38128	6.457	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.13	45	81744	7.894	ng		96
17) 2-Methylphenol	8.06	107	49985	8.458	ng		94
18) Hexachloroethane	8.65	117	21620	7.595	ng		93
19) n-Nitroso-di-n-propylamine	8.40	70	45484	7.697	ng		98
20) 3+4-Methylphenols	8.40	107	66304	7.898	ng		99
22) Acetophenone	8.42	105	89184	7.808	ng		96
24) Nitrobenzene	8.80	77	68302	8.146	ng		99
25) Isophorone	9.31	82	124943	8.669	ng		98
26) 2-Nitrophenol	9.52	139	30975	7.019	ng		99
27) 2,4-Dimethylphenol	9.59	122	54250	8.743	ng		97
28) bis(2-Chloroethoxy)methane	9.80	93	79846	8.223	ng		98
29) 2,4-Dichlorophenol	10.07	162	53732	7.588	ng		96
30) 1,2,4-Trichlorobenzene	10.24	180	61191	7.602	ng		98
31) Naphthalene	10.42	128	193550	8.405	ng		99
32) Benzoic acid	9.72	122	16550	7.799	ng		90
33) 4-Chloroaniline	10.56	127	75017	7.373	ng		97
34) Hexachlorobutadiene	10.69	225	35085	7.304	ng		97
35) Caprolactam	11.32	113	18802	6.781	ng	#	86
36) 4-Chloro-3-methylphenol	11.70	107	62399	7.901	ng		96
37) 2-Methylnaphthalene	12.04	142	145556	8.845	ng		98
38) 1-Methylnaphthalene	12.26	142	140452	8.739	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.43	216	70711	7.172	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.39	237	14676	11.978	ng	93
43) 2,4,6-Trichlorophenol	12.69	196	46213	7.418	ng	97
44) 2,4,5-Trichlorophenol	12.77	196	51129	7.869	ng	98
46) 1,1'-Biphenyl	13.07	154	194008	7.417	ng	99
47) 2-Chloronaphthalene	13.11	162	148278	7.685	ng	99
48) 2-Nitroaniline	13.35	65	40491	7.142	ng	99
49) Acenaphthylene	13.96	152	246635	8.351	ng	99
50) Dimethylphthalate	13.70	163	196582	8.157	ng	98
51) 2,6-Dinitrotoluene	13.84	165	42355	7.744	ng	95
52) Acenaphthene	14.30	154	144205	8.059	ng	99
53) 3-Nitroaniline	14.18	138	38180	6.530	ng	99
54) 2,4-Dinitrophenol	14.43	184	12891	10.229	ng	96
55) Dibenzofuran	14.65	168	232146	7.974	ng	98
56) 4-Nitrophenol	14.57	139	16549	9.080	ng	92
57) 2,4-Dinitrotoluene	14.65	165	59206	7.983	ng	100
58) Fluorene	15.30	166	192874	8.585	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.89	232	45963	8.055	ng	98
60) Diethylphthalate	15.07	149	194362	7.948	ng	99
61) 4-Chlorophenyl-phenylether	15.29	204	97479	7.810	ng	99
62) 4-Nitroaniline	15.36	138	40399	7.072	ng	96
63) Azobenzene	15.59	77	183436	8.116	ng	99
65) 4,6-Dinitro-2-methylphenol	15.44	198	29277	5.958	ng	98
66) n-Nitrosodiphenylamine	15.52	169	169235	7.676	ng	100
67) 4-Bromophenyl-phenylether	16.19	248	60235	7.594	ng	98
68) Hexachlorobenzene	16.31	284	68984	7.634	ng	98
69) Atrazine	16.47	200	60842	7.787	ng	99
70) Pentachlorophenol	16.68	266	16689	9.890	ng	97
71) Phenanthrene	17.04	178	312004	8.427	ng	99
72) Anthracene	17.13	178	315350	8.536	ng	99
73) Carbazole	17.42	167	290410	7.590	ng	99
74) Di-n-butylphthalate	17.97	149	340904	7.638	ng	99
75) Fluoranthene	19.07	202	371619	8.520	ng	100
77) Benzidine	19.26	184	103889	4.482	ng	97
78) Pyrene	19.44	202	375468	8.069	ng	98
80) Butylbenzylphthalate	20.34	149	160588	7.432	ng	97
81) Benzo(a)anthracene	21.19	228	386032	8.372	ng	100
82) 3,3'-Dichlorobenzidine	21.13	252	128313	6.725	ng	99
83) Chrysene	21.25	228	371599	8.384	ng	99
84) Bis(2-ethylhexyl)phthalate	21.12	149	242200	7.559	ng	99
85) Di-n-octyl phthalate	21.99	149	418562	7.612	ng	100
86) Indeno(1,2,3-cd)pyrene	25.61	276	406203	7.997	ng	100
88) Benzo(b)fluoranthene	22.76	252	394276	8.881	ng	99
89) Benzo(k)fluoranthene	22.80	252	366046	8.407	ng	99
90) Benzo(a)pyrene	23.32	252	368224	8.703	ng	98
91) Dibenzo(a,h)anthracene	25.62	278	348979	8.333	ng	98
92) Benzo(g,h,i)perylene	26.30	276	335634	8.348	ng	100

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

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