Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101818\
Data File : BM017194.D
Acq On : 18 Oct 2018 15:49
Operator : MJ/SJ
Sample : J5164-03
Misc : MDL 5 PPM
ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Oct 19 09:35:44 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM101718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 17 14:23:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	197338	20.00	ng		0.00
21) Naphthalene-d8	10.45	136	812810	20.00	ng		0.00
39) Acenaphthene-d10	14.31	164	464135	20.00	ng		0.00
64) Phenanthrene-d10	17.06	188	1092906	20.00	ng		0.00
76) Chrysene-d12	21.25	240	1295627	20.00	ng		-0.01
87) Perylene-d12	23.46	264	1337902	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	1557019	133.45	ng		0.00
7) Phenol-d6	6.85	99	2021471	127.21	ng		0.00
23) Nitrobenzene-d5	8.82	82	1212555	87.25	ng		-0.01
42) 2,4,6-Tribromophenol	15.81	330	889888	141.78	ng		0.00
45) 2-Fluorobiphenyl	12.93	172	2903587	83.24	ng		0.00
79) Terphenyl-d14	19.70	244	4590959	79.87	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.27	88	22874	3.839	ng	#	80
3) Pyridine	3.66	79	61045	4.453	ng	#	85
4) n-Nitrosodimethylamine	3.57	42	30015	5.454	ng	#	63
6) Aniline	7.01	93	68221	3.432	ng		99
8) 2-Chlorophenol	7.24	128	64176	4.754	ng		98
9) Benzaldehyde	6.83	77	51138	5.047	ng		89
10) Phenol	6.87	94	79411	4.643	ng		97
11) bis(2-Chloroethyl)ether	7.10	93	60499	4.438	ng		98
12) 1,3-Dichlorobenzene	7.56	146	72379	4.600	ng		96
13) 1,4-Dichlorobenzene	7.70	146	74319	4.623	ng		98
14) 1,2-Dichlorobenzene	8.02	146	71180	4.596	ng		92
15) Benzyl Alcohol	7.92	79	51013	4.392	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.20	45	82587	4.336	ng		98
17) 2-Methylphenol	8.11	107	49037	4.467	ng		94
18) Hexachloroethane	8.73	117	26195	4.761	ng		96
19) n-Nitroso-di-n-propylamine	8.47	70	44136	4.218	ng		98
20) 3+4-Methylphenols	8.43	107	64253	4.280	ng		96
22) Acetophenone	8.49	105	93622	4.544	ng	#	98
24) Nitrobenzene	8.86	77	77275	5.257	ng		91
25) Isophorone	9.39	82	116437	5.074	ng		95
26) 2-Nitrophenol	9.57	139	26093	9.045	ng		95
27) 2,4-Dimethylphenol	9.63	122	52125	5.137	ng		89
28) bis(2-Chloroethoxy)methane	9.87	93	77222	4.781	ng		98
29) 2,4-Dichlorophenol	10.10	162	51629	4.382	ng		97
30) 1,2,4-Trichlorobenzene	10.31	180	66916	4.734	ng		97
31) Naphthalene	10.49	128	195280	4.903	ng		98
32) Benzoic acid	9.77	122	1076	0.142	ng		88
33) 4-Chloroaniline	10.62	127	56206	3.267	ng		93
34) Hexachlorobutadiene	10.78	225	40188	4.488	ng		98
35) Caprolactam	11.39	113	13125	3.057	ng		93
36) 4-Chloro-3-methylphenol	11.74	107	58058	4.372	ng		93
37) 2-Methylnaphthalene	12.12	142	143096	5.250	ng		99
38) 1-Methylnaphthalene	12.33	142	135810	5.119	ng	#	97
40) 1,2,4,5-Tetrachlorobenzene	12.48	216	74534	4.560	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	45143	5.713	ng		97
43) 2,4,6-Trichlorophenol	12.73	196	41634	4.388	ng		98
44) 2,4,5-Trichlorophenol	12.80	196	46919	4.611	ng		98
46) 1,1'-Biphenyl	13.14	154	190968	4.572	ng		99
47) 2-Chloronaphthalene	13.17	162	142910	4.651	ng		96
48) 2-Nitroaniline	13.39	65	32802	9.018	ng		94
49) Acenaphthylene	14.03	152	216498	4.861	ng		99
50) Dimethylphthalate	13.77	163	178804	4.993	ng		99
51) 2,6-Dinitrotoluene	13.89	165	32749	4.155	ng		91
52) Acenaphthene	14.37	154	133122	4.760	ng		97
53) 3-Nitroaniline	14.23	138	26200	3.069	ng	#	81
54) 2,4-Dinitrophenol	14.43	184	12339	10.621	ng	#	90
55) Dibenzofuran	14.71	168	224769	4.833	ng		100
56) 4-Nitrophenol	14.54	139	23432	7.551	ng		92
57) 2,4-Dinitrotoluene	14.69	165	41018	3.872	ng	#	90
58) Fluorene	15.36	166	178091	5.174	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.94	232	45741	4.932	ng		97
60) Diethylphthalate	15.15	149	172146	4.848	ng		98
61) 4-Chlorophenyl-phenylether	15.36	204	93506	4.765	ng		99
62) 4-Nitroaniline	15.39	138	30835	7.671	ng		91
63) Azobenzene	15.66	77	151952	4.402	ng		97
65) 4,6-Dinitro-2-methylphenol	15.45	198	22198	9.704	ng		91
66) n-Nitrosodiphenylamine	15.58	169	148528	4.492	ng		99
67) 4-Bromophenyl-phenylether	16.26	248	55453	4.621	ng		90
68) Hexachlorobenzene	16.36	284	64882	4.655	ng		97
69) Atrazine	16.53	200	49891	4.216	ng		98
70) Pentachlorophenol	16.71	266	28451	2.979	ng		95
71) Phenanthrene	17.10	178	295149	5.005	ng		100
72) Anthracene	17.19	178	278010	4.962	ng		97
73) Carbazole	17.47	167	246540	4.308	ng		99
74) Di-n-butylphthalate	18.04	149	253095	4.193	ng		99
75) Fluoranthene	19.12	202	333871	5.032	ng		99
77) Benzidine	19.32	184	71682	2.182	ng		98
78) Pyrene	19.49	202	344784	4.761	ng		99
80) Butylbenzylphthalate	20.40	149	105352	10.428	ng		90
81) Benzo(a)anthracene	21.24	228	369253	5.064	ng		98
82) 3,3'-Dichlorobenzidine	21.18	252	82938	3.052	ng		98
83) Chrysene	21.29	228	361819	5.014	ng		100
84) Bis(2-ethylhexyl)phthalate	21.18	149	157845	8.638	ng		99
85) Di-n-octyl phthalate	22.05	149	263348	8.831	ng		99
86) Indeno(1,2,3-cd)pyrene	25.67	276	412305	5.108	ng		98
88) Benzo(b)fluoranthene	22.80	252	378637	5.176	ng		99
89) Benzo(k)fluoranthene	22.84	252	342916	4.672	ng		98
90) Benzo(a)pyrene	23.37	252	342650	4.934	ng		98
91) Dibenzo(a,h)anthracene	25.69	278	349550	5.069	ng		97
92) Benzo(g,h,i)perylene	26.35	276	354524	5.187	ng		98

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

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