Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101818\
Data File : BM017195.D
Acq On : 18 Oct 2018 16:25
Operator : MJ/SJ
Sample : J5164-03
Misc : MDL 8 PPM
ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Oct 19 09:36:08 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	221897	20.00	ng		0.00
21) Naphthalene-d8	10.45	136	927543	20.00	ng		0.00
39) Acenaphthene-d10	14.31	164	548439	20.00	ng		0.00
64) Phenanthrene-d10	17.06	188	1308048	20.00	ng		0.00
76) Chrysene-d12	21.25	240	1545574	20.00	ng		-0.01
87) Perylene-d12	23.46	264	1622340	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	1570059	119.67	ng		0.00
7) Phenol-d6	6.85	99	2057982	115.18	ng		0.00
23) Nitrobenzene-d5	8.82	82	1233928	77.80	ng		-0.01
42) 2,4,6-Tribromophenol	15.80	330	927857	125.10	ng		-0.01
45) 2-Fluorobiphenyl	12.93	172	2960159	71.82	ng		0.00
79) Terphenyl-d14	19.70	244	4788145	69.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	38863	5.801	ng	#	84
3) Pyridine	3.65	79	102959	6.679	ng	#	84
4) n-Nitrosodimethylamine	3.56	42	45073	7.284	ng	#	66
6) Aniline	7.01	93	116868	5.229	ng		93
8) 2-Chlorophenol	7.24	128	104194	6.865	ng		95
9) Benzaldehyde	6.83	77	77536	6.806	ng		96
10) Phenol	6.87	94	127877	6.650	ng		94
11) bis(2-Chloroethyl)ether	7.11	93	94622	6.172	ng		98
12) 1,3-Dichlorobenzene	7.56	146	117168	6.622	ng		97
13) 1,4-Dichlorobenzene	7.70	146	118838	6.574	ng		99
14) 1,2-Dichlorobenzene	8.02	146	113048	6.491	ng		99
15) Benzyl Alcohol	7.92	79	83765	6.414	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.19	45	132429	6.183	ng		98
17) 2-Methylphenol	8.11	107	82299	6.667	ng		97
18) Hexachloroethane	8.73	117	40683	6.576	ng		97
19) n-Nitroso-di-n-propylamine	8.47	70	72669	6.176	ng		99
20) 3+4-Methylphenols	8.43	107	109091	6.462	ng		97
22) Acetophenone	8.49	105	153496	6.528	ng		96
24) Nitrobenzene	8.86	77	121860	7.264	ng		90
25) Isophorone	9.39	82	191868	7.326	ng	#	97
26) 2-Nitrophenol	9.57	139	43685	10.606	ng	#	92
27) 2,4-Dimethylphenol	9.63	122	92314	7.972	ng		97
28) bis(2-Chloroethoxy)methane	9.87	93	127262	6.904	ng		99
29) 2,4-Dichlorophenol	10.10	162	90142	6.704	ng		98
30) 1,2,4-Trichlorobenzene	10.31	180	108682	6.738	ng		94
31) Naphthalene	10.49	128	324991	7.150	ng		100
32) Benzoic acid	9.70	122	33545	3.882	ng		93
33) 4-Chloroaniline	10.62	127	94743	4.826	ng		95
34) Hexachlorobutadiene	10.77	225	66677	6.524	ng		97
35) Caprolactam	11.39	113	23912	4.880	ng		94
36) 4-Chloro-3-methylphenol	11.74	107	98688	6.512	ng		97
37) 2-Methylnaphthalene	12.12	142	234547	7.540	ng		98
38) 1-Methylnaphthalene	12.33	142	224622	7.420	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	122353	6.335	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	74159	7.942	ng	99
43) 2,4,6-Trichlorophenol	12.73	196	73815	6.584	ng	96
44) 2,4,5-Trichlorophenol	12.80	196	82400	6.854	ng	97
46) 1,1'-Biphenyl	13.14	154	302548	6.130	ng	99
47) 2-Chloronaphthalene	13.17	162	234811	6.467	ng	98
48) 2-Nitroaniline	13.39	65	58333	10.700	ng	99
49) Acenaphthylene	14.03	152	369689	7.025	ng	99
50) Dimethylphthalate	13.77	163	301590	7.128	ng	100
51) 2,6-Dinitrotoluene	13.89	165	57460	6.170	ng	89
52) Acenaphthene	14.37	154	228259	6.908	ng	98
53) 3-Nitroaniline	14.23	138	47903	4.749	ng	97
54) 2,4-Dinitrophenol	14.43	184	25051	12.340	ng	88
55) Dibenzofuran	14.71	168	370276	6.738	ng	98
56) 4-Nitrophenol	14.53	139	44507	9.273	ng	90
57) 2,4-Dinitrotoluene	14.69	165	73934	5.907	ng	92
58) Fluorene	15.36	166	294159	7.232	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.94	232	75467	6.886	ng	96
60) Diethylphthalate	15.14	149	293094	6.985	ng	99
61) 4-Chlorophenyl-phenylether	15.36	204	153747	6.630	ng	97
62) 4-Nitroaniline	15.39	138	56249	9.257	ng	87
63) Azobenzene	15.66	77	265023	6.498	ng	98
65) 4,6-Dinitro-2-methylphenol	15.44	198	38883	10.956	ng	89
66) n-Nitrosodiphenylamine	15.58	169	258182	6.524	ng	99
67) 4-Bromophenyl-phenylether	16.26	248	94690	6.593	ng	96
68) Hexachlorobenzene	16.36	284	108076	6.478	ng	95
69) Atrazine	16.53	200	90037	6.357	ng	99
70) Pentachlorophenol	16.71	266	52618	4.604	ng	99
71) Phenanthrene	17.10	178	501276	7.103	ng	99
72) Anthracene	17.19	178	477535	7.121	ng	98
73) Carbazole	17.47	167	429273	6.267	ng	100
74) Di-n-butylphthalate	18.04	149	445923	6.172	ng	100
75) Fluoranthene	19.12	202	566558	7.134	ng	99
77) Benzidine	19.32	184	140818	3.593	ng	98
78) Pyrene	19.49	202	591214	6.844	ng	100
80) Butylbenzylphthalate	20.40	149	192718	12.162	ng	91
81) Benzo(a)anthracene	21.24	228	623445	7.168	ng	99
82) 3,3'-Dichlorobenzidine	21.18	252	151106	4.661	ng	97
83) Chrysene	21.29	228	607624	7.058	ng	100
84) Bis(2-ethylhexyl)phthalate	21.18	149	280116	10.262	ng	100
85) Di-n-octyl phthalate	22.05	149	492173	10.677	ng	100
86) Indeno(1,2,3-cd)pyrene	25.67	276	700037	7.270	ng	98
88) Benzo(b)fluoranthene	22.80	252	610920	6.888	ng	99
89) Benzo(k)fluoranthene	22.84	252	613925	6.898	ng	98
90) Benzo(a)pyrene	23.37	252	586272	6.961	ng	97
91) Dibenzo(a,h)anthracene	25.69	278	590230	7.058	ng	98
92) Benzo(g,h,i)perylene	26.34	276	590166	7.121	ng	98

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

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