Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080818\
Data File : BF108037.D
Acq On : 8 Aug 2018 23:22
Operator : JU/SJ
Sample : J3762-03
Misc : MDL 8 PPM
ALS Vial : 24 Sample Multiplier: 1

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

Manual Integrations APPROVED
Sohil
8/9/2018 5:01:46 PM

Quant Time: Aug 09 08:09:54 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 12:24:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	271121	20.00	ng		0.00
21) Naphthalene-d8	8.30	136	1061813	20.00	ng		0.00
38) Acenaphthene-d10	10.06	164	563361	20.00	ng		0.00
63) Phenanthrene-d10	11.55	188	1162302	20.00	ng		0.00
75) Chrysene-d12	14.21	240	1010749	20.00	ng		0.00
86) Perylene-d12	15.77	264	912503	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	2060810	137.61	ng		0.00
7) Phenol-d6	6.63	99	2762202	138.80	ng		0.00
23) Nitrobenzene-d5	7.57	82	1500867	78.88	ng		0.00
41) 2,4,6-Tribromophenol	10.85	330	874842	155.68	ng		0.00
44) 2-Fluorobiphenyl	9.37	172	2754269	78.49	ng		0.00
78) Terphenyl-d14	13.15	244	3075366	77.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.94	88	61334	7.971	ng	#	86
3) Pyridine	3.73	79	171109	8.632	ng	#	83
4) n-Nitrosodimethylamine	3.65	42	90671	8.129	ng		82
6) Aniline	6.68	93	153275	5.662	ng		96
8) 2-Chlorophenol	6.80	128	144102	8.544	ng		92
9) Benzaldehyde	6.57	77	120198	7.790	ng		97
10) Phenol	6.64	94	173723	8.440	ng		94
11) bis(2-Chloroethyl)ether	6.74	93	145563	8.747	ng		92
12) 1,3-Dichlorobenzene	6.95	146	172460	8.843	ng		99
13) 1,4-Dichlorobenzene	7.03	146	171901	8.773	ng		97
14) 1,2-Dichlorobenzene	7.18	146	160863	8.826	ng		97
15) Benzyl Alcohol	7.14	79	118564	7.077	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.28	45	293940	8.574	ng		96
17) 2-Methylphenol	7.24	107	123361	8.529	ng		95
18) Hexachloroethane	7.52	117	58585	8.398	ng		99
19) n-Nitroso-di-n-propylamine	7.41	70	114619	8.517	ng	#	85
20) 3+4-Methylphenols	7.40	107	166559	8.986	ng		92
22) Acetophenone	7.41	105	222384	8.957	ng	#	94
24) Nitrobenzene	7.59	77	174265	9.057	ng		93
25) Isophorone	7.82	82	303389	8.365	ng		100
26) 2-Nitrophenol	7.91	139	53511	7.364	ng		96
27) 2,4-Dimethylphenol	7.93	122	142805	8.871	ng		99
28) bis(2-Chloroethoxy)methane	8.03	93	185881	8.779	ng		97
29) 2,4-Dichlorophenol	8.14	162	128050	8.644	ng		95
30) 1,2,4-Trichlorobenzene	8.23	180	144215	8.830	ng		94
31) Naphthalene	8.32	128	454834	9.419	ng		99
32) Benzoic acid	7.98	122	45641m	10.252	ng		
33) 4-Chloroaniline	8.36	127	124914	5.936	ng		98
34) Hexachlorobutadiene	8.43	225	89831	8.688	ng		99
35) Caprolactam	8.70	113	40219	8.664	ng	#	80
36) 4-Chloro-3-methylphenol	8.82	107	137602	8.610	ng		98
37) 2-Methylnaphthalene	9.01	142	313641	9.180	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	151773	8.773	ng		98
40) Hexachlorocyclopentadiene	9.16	237	89825	8.038	ng		95

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	85547	7.968 ng		100
43) 2,4,5-Trichlorophenol	9.32	196	103657	8.771 ng	#	94
45) 1,1'-Biphenyl	9.47	154	391519	9.426 ng		99
46) 2-Chloronaphthalene	9.50	162	303876	9.256 ng		98
47) 2-Nitroaniline	9.59	65	91491	8.613 ng	#	81
48) Acenaphthylene	9.92	152	495542	9.548 ng		100
49) Dimethylphthalate	9.77	163	359933	9.172 ng		98
50) 2,6-Dinitrotoluene	9.83	165	72373	8.815 ng		97
51) Acenaphthene	10.10	154	294566	9.266 ng		96
52) 3-Nitroaniline	10.00	138	65572	7.299 ng		96
53) 2,4-Dinitrophenol	10.10	184	14610	11.358 ng	#	1
54) Dibenzofuran	10.27	168	439349	9.540 ng		99
55) 4-Nitrophenol	10.14	139	55840	8.209 ng		96
56) 2,4-Dinitrotoluene	10.23	165	94136	8.907 ng	#	84
57) Fluorene	10.61	166	352294	9.663 ng		98
58) 2,3,4,6-Tetrachlorophenol	10.38	232	81545	8.255 ng		90
59) Diethylphthalate	10.47	149	350439	9.222 ng		95
60) 4-Chlorophenyl-phenylether	10.60	204	177701	9.354 ng	#	88
61) 4-Nitroaniline	10.61	138	78036	8.786 ng		93
62) Azobenzene	10.76	77	364550	9.289 ng		92
64) 4,6-Dinitro-2-methylphenol	10.64	198	23073	10.056 ng		92
65) n-Nitrosodiphenylamine	10.71	169	315338	9.181 ng		96
66) 4-Bromophenyl-phenylether	11.09	248	112908	8.939 ng		90
67) Hexachlorobenzene	11.16	284	114382	8.607 ng	#	86
68) Atrazine	11.24	200	100185	8.696 ng		92
69) Pentachlorophenol	11.35	266	43223	6.795 ng		100
70) Phenanthrene	11.58	178	538219	9.818 ng		99
71) Anthracene	11.63	178	550313	9.794 ng		99
72) Carbazole	11.78	167	487838	9.772 ng		97
73) Di-n-butylphthalate	12.11	149	538874	9.530 ng		99
74) Fluoranthene	12.77	202	588779	9.841 ng		95
76) Benzidine	12.89	184	128577	3.405 ng	#	94
77) Pyrene	13.01	202	589081	9.206 ng		100
79) Butylbenzylphthalate	13.61	149	208840	8.219 ng		96
80) Benzo(a)anthracene	14.19	228	533306	9.194 ng		99
81) 3,3'-Dichlorobenzidine	14.15	252	102264	4.919 ng	#	98
82) Chrysene	14.24	228	502262	9.445 ng		99
83) Bis(2-ethylhexyl)phthalate	14.17	149	295501	8.588 ng		99
84) Di-n-octyl phthalate	14.79	149	451508	8.604 ng		96
85) Indeno(1,2,3-cd)pyrene	17.37	276	391493	8.496 ng	#	92
87) Benzo(b)fluoranthene	15.29	252	497779m	9.129 ng		
88) Benzo(k)fluoranthene	15.32	252	439928	8.777 ng	#	96
89) Benzo(a)pyrene	15.69	252	426233	8.730 ng	#	98
90) Dibenzo(a,h)anthracene	17.39	278	328600	8.134 ng	#	94
91) Benzo(g,h,i)perylene	17.86	276	318076	7.996 ng	#	91

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

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