Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080818\
Data File : BF108026.D
Acq On : 8 Aug 2018 18:17
Operator : JU/SJ
Sample : J3762-03
Misc : MDL 8 PPM
ALS Vial : 13 Sample Multiplier: 1

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

Manual Integrations APPROVED
Sohil
8/9/2018 5:01:27 PM

Quant Time: Aug 09 07:04:02 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	84344	20.00	ng		0.00
21) Naphthalene-d8	8.30	136	343643	20.00	ng		0.00
38) Acenaphthene-d10	10.06	164	181718	20.00	ng		0.00
63) Phenanthrene-d10	11.55	188	379128	20.00	ng		0.00
75) Chrysene-d12	14.21	240	336290	20.00	ng		-0.01
86) Perylene-d12	15.77	264	284932	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	1016946	218.29	ng		0.00
7) Phenol-d6	6.62	99	1354664	218.82	ng		0.00
23) Nitrobenzene-d5	7.57	82	697859	113.32	ng		0.00
41) 2,4,6-Tribromophenol	10.85	330	396637	218.82	ng		0.00
44) 2-Fluorobiphenyl	9.37	172	1409078	124.49	ng		0.00
78) Terphenyl-d14	13.14	244	1773453	134.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.94	88	63365	26.470	ng	#	87
3) Pyridine	3.70	79	171228	27.768	ng	#	87
4) n-Nitrosodimethylamine	3.65	42	92324	26.608	ng		80
6) Aniline	6.67	93	154410	18.337	ng		96
8) 2-Chlorophenol	6.80	128	152375	29.041	ng		97
9) Benzaldehyde	6.57	77	121526	25.319	ng		97
10) Phenol	6.63	94	183722	28.690	ng		83
11) bis(2-Chloroethyl)ether	6.74	93	150781	29.125	ng		90
12) 1,3-Dichlorobenzene	6.95	146	172508	28.434	ng		99
13) 1,4-Dichlorobenzene	7.03	146	179503	29.448	ng		98
14) 1,2-Dichlorobenzene	7.18	146	162459	28.653	ng		97
15) Benzyl Alcohol	7.14	79	120468m	23.115	ng		
16) 2,2'-oxybis(1-Chloropropan	7.28	45	302515	28.365	ng		96
17) 2-Methylphenol	7.24	107	129022	28.674	ng		96
18) Hexachloroethane	7.53	117	60499	27.878	ng	#	88
19) n-Nitroso-di-n-propylamine	7.41	70	118454	28.295	ng	#	84
20) 3+4-Methylphenols	7.40	107	170070	29.495	ng		92
22) Acetophenone	7.41	105	228437	28.429	ng	#	93
24) Nitrobenzene	7.59	77	178138	28.606	ng		95
25) Isophorone	7.82	82	315450	26.874	ng		98
26) 2-Nitrophenol	7.91	139	54250	23.068	ng		91
27) 2,4-Dimethylphenol	7.93	122	148810	28.564	ng		99
28) bis(2-Chloroethoxy)methane	8.03	93	191749	27.983	ng		99
29) 2,4-Dichlorophenol	8.14	162	132363	27.609	ng		96
30) 1,2,4-Trichlorobenzene	8.23	180	147037	27.817	ng		99
31) Naphthalene	8.32	128	462645	29.603	ng		99
32) Benzoic acid	7.98	122	49686m	20.364	ng		
33) 4-Chloroaniline	8.36	127	126580	18.586	ng		98
34) Hexachlorobutadiene	8.43	225	90701	27.105	ng		99
35) Caprolactam	8.70	113	38560	25.665	ng	#	79
36) 4-Chloro-3-methylphenol	8.82	107	144626	27.963	ng		95
37) 2-Methylnaphthalene	9.01	142	320419	28.979	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	160433	28.750	ng		98
40) Hexachlorocyclopentadiene	9.16	237	91909	25.499	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	85981	24.829	ng		95
43) 2,4,5-Trichlorophenol	9.32	196	108962	28.584	ng	#	94
45) 1,1'-Biphenyl	9.47	154	400850	29.919	ng		98
46) 2-Chloronaphthalene	9.50	162	314572	29.706	ng		97
47) 2-Nitroaniline	9.59	65	94291	27.520	ng		84
48) Acenaphthylene	9.92	152	507654	30.324	ng		99
49) Dimethylphthalate	9.77	163	374498	29.586	ng	#	99
50) 2,6-Dinitrotoluene	9.83	165	74728	28.217	ng		89
51) Acenaphthene	10.10	154	299573	29.216	ng		99
52) 3-Nitroaniline	10.00	138	66588	22.980	ng		99
53) 2,4-Dinitrophenol	10.10	184	14260	20.146	ng	#	1
54) Dibenzofuran	10.27	168	457894	30.823	ng		99
55) 4-Nitrophenol	10.14	139	56538	25.767	ng		92
56) 2,4-Dinitrotoluene	10.23	165	97962	28.737	ng	#	87
57) Fluorene	10.61	166	356934	30.352	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.38	232	87355	27.417	ng	#	88
59) Diethylphthalate	10.47	149	373391	30.463	ng		96
60) 4-Chlorophenyl-phenylether	10.60	204	181278	29.583	ng		91
61) 4-Nitroaniline	10.61	138	79427	27.725	ng		92
62) Azobenzene	10.76	77	380873	30.088	ng		92
64) 4,6-Dinitro-2-methylphenol	10.64	198	24783	20.826	ng		92
65) n-Nitrosodiphenylamine	10.71	169	327891	29.267	ng		97
66) 4-Bromophenyl-phenylether	11.10	248	119026	28.889	ng	#	82
67) Hexachlorobenzene	11.16	284	122361	28.226	ng	#	88
68) Atrazine	11.24	200	106511	28.344	ng		95
69) Pentachlorophenol	11.35	266	43189	20.815	ng		97
70) Phenanthrene	11.58	178	565872	31.645	ng		98
71) Anthracene	11.63	178	570447	31.125	ng		100
72) Carbazole	11.78	167	501050	30.770	ng		99
73) Di-n-butylphthalate	12.11	149	578059	31.341	ng		99
74) Fluoranthene	12.77	202	622462	31.895	ng		96
76) Benzidine	12.89	184	139981	11.141	ng	#	95
77) Pyrene	13.01	202	627685	29.482	ng		98
79) Butylbenzylphthalate	13.61	149	226593	26.803	ng		93
80) Benzo(a)anthracene	14.19	228	569937	29.531	ng		99
81) 3,3'-Dichlorobenzidine	14.15	252	100372	14.512	ng	#	96
82) Chrysene	14.24	228	537233	30.363	ng		99
83) Bis(2-ethylhexyl)phthalate	14.17	149	327810	28.633	ng	#	99
84) Di-n-octyl phthalate	14.79	149	493366	28.257	ng	#	95
85) Indeno(1,2,3-cd)pyrene	17.37	276	417161	27.211	ng	#	91
87) Benzo(b)fluoranthene	15.29	252	522261	30.675	ng		97
88) Benzo(k)fluoranthene	15.33	252	476028	30.415	ng	#	96
89) Benzo(a)pyrene	15.69	252	450988	29.580	ng		98
90) Dibenzo(a,h)anthracene	17.39	278	350771	27.806	ng	#	94
91) Benzo(g,h,i)perylene	17.87	276	337937	27.206	ng	#	90

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

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