Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032619\
Data File : BF113293.D
Acq On : 26 Mar 2019 16:01
Operator : JU/SJ
Sample : K1560-01
Misc : 8PPM LOD
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOD-MDL-SOIL-01-QT1-2019

Quant Time: Mar 27 09:01:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 26 03:32:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	163199	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	586214	20.00	ng		0.00
39) Acenaphthene-d10	9.73	164	281604	20.00	ng		0.00
64) Phenanthrene-d10	11.21	188	593684	20.00	ng		0.00
76) Chrysene-d12	13.84	240	575071	20.00	ng		0.00
87) Perylene-d12	15.24	264	572681	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	1173337	117.56	ng		0.00
7) Phenol-d6	6.35	99	1497255	118.58	ng		0.00
23) Nitrobenzene-d5	7.27	82	912842	92.43	ng		0.00
42) 2,4,6-Tribromophenol	10.52	330	450804	129.60	ng		0.00
45) 2-Fluorobiphenyl	9.06	172	1645425	93.30	ng		0.00
79) Terphenyl-d14	12.80	244	1948662	74.69	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	39252	7.751	ng		96
3) Pyridine	3.16	79	86578	6.935	ng		94
4) n-Nitrosodimethylamine	3.01	42	39953	7.199	ng	#	97
8) 2-Chlorophenol	6.49	128	95410	8.232	ng		95
10) Phenol	6.36	94	118337	8.209	ng		96
11) bis(2-Chloroethyl)ether	6.44	93	89505	8.100	ng		98
12) 1,3-Dichlorobenzene	6.65	146	102603	8.212	ng		97
13) 1,4-Dichlorobenzene	6.72	146	102909	8.531	ng		98
14) 1,2-Dichlorobenzene	6.87	146	98390	8.291	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.98	45	141067	8.498	ng		100
17) 2-Methylphenol	6.97	107	72336	7.964	ng		96
18) Hexachloroethane	7.22	117	36055	8.322	ng		97
19) n-Nitroso-di-n-propylamine	7.12	70	62363	7.863	ng		97
22) Acetophenone	7.11	105	121178	9.064	ng	#	95
24) Nitrobenzene	7.28	77	97702	9.480	ng		92
25) Isophorone	7.52	82	171613	8.966	ng		98
26) 2-Nitrophenol	7.60	139	48754	8.949	ng		91
27) 2,4-Dimethylphenol	7.65	122	72133	9.205	ng		96
28) bis(2-Chloroethoxy)methane	7.73	93	109362	9.073	ng		99
29) 2,4-Dichlorophenol	7.85	162	73412	8.645	ng		98
30) 1,2,4-Trichlorobenzene	7.93	180	82630	9.019	ng		99
31) Naphthalene	8.00	128	267184	9.327	ng		99
34) Hexachlorobutadiene	8.13	225	49664	9.120	ng		99
35) Caprolactam	8.40	113	23619	8.666	ng		93
36) 4-Chloro-3-methylphenol	8.55	107	79928	9.358	ng		97
37) 2-Methylnaphthalene	8.70	142	184120	10.301	ng		98
38) 1-Methylnaphthalene	8.79	142	167904	9.766	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	81732	9.042	ng		99
41) Hexachlorocyclopentadiene	8.85	237	15768	4.121	ng		96
43) 2,4,6-Trichlorophenol	8.98	196	50024	8.498	ng		99
44) 2,4,5-Trichlorophenol	9.03	196	56209	8.628	ng		97
46) 1,1'-Biphenyl	9.16	154	227023	9.653	ng		99
47) 2-Chloronaphthalene	9.18	162	168320	9.295	ng		100
48) 2-Nitroaniline	9.28	65	50273	8.846	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
49) Acenaphthylene	9.59	152	277621	9.482	ng		98
50) Dimethylphthalate	9.46	163	182500	8.745	ng		98
52) Acenaphthene	9.76	154	154745	9.385	ng		99
53) 3-Nitroaniline	9.69	138	44555	8.392	ng		91
55) Dibenzofuran	9.94	168	240494	9.702	ng		96
57) 2,4-Dinitrotoluene	9.92	165	53480	8.932	ng		98
58) Fluorene	10.28	166	187488	9.736	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.06	232	46589	8.457	ng		97
60) Diethylphthalate	10.16	149	178423	8.715	ng		98
61) 4-Chlorophenyl-phenylether	10.27	204	89275	9.512	ng		89
62) 4-Nitroaniline	10.29	138	47469	8.684	ng		96
63) Azobenzene	10.43	77	173699	9.013	ng		99
66) n-Nitrosodiphenylamine	10.39	169	160115	8.789	ng		99
67) 4-Bromophenyl-phenylether	10.76	248	55232	8.536	ng		97
68) Hexachlorobenzene	10.83	284	66191	8.813	ng	#	93
69) Atrazine	10.92	200	49344	8.581	ng		99
71) Phenanthrene	11.23	178	283374	9.612	ng		98
72) Anthracene	11.29	178	296397	9.898	ng		98
73) Carbazole	11.44	167	288398	10.093	ng		98
74) Di-n-butylphthalate	11.77	149	327292	9.877	ng		98
75) Fluoranthene	12.42	202	344100	10.324	ng		99
77) Benzidine	12.54	184	178939	8.125	ng		98
78) Pyrene	12.64	202	352265	8.840	ng		98
80) Butylbenzylphthalate	13.26	149	136359	7.764	ng		98
81) Benzo(a)anthracene	13.83	228	301004	9.144	ng		98
82) 3,3'-Dichlorobenzidine	13.79	252	116959	8.857	ng		99
83) Chrysene	13.86	228	309041	9.243	ng		98
84) Bis(2-ethylhexyl)phthalate	13.83	149	181930	8.450	ng		100
85) Di-n-octyl phthalate	14.43	149	319386	8.739	ng		100
86) Indeno(1,2,3-cd)pyrene	16.59	276	306530	10.682	ng		97
88) Benzo(b)fluoranthene	14.84	252	311456	8.755	ng		98
89) Benzo(k)fluoranthene	14.87	252	272089	8.709	ng		99
90) Benzo(a)pyrene	15.18	252	278456	8.829	ng		98
91) Dibenzo(a,h)anthracene	16.60	278	252657	9.265	ng		98
92) Benzo(g,h,i)perylene	16.99	276	243260	8.847	ng		98

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

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