Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111419\
Data File : BF117785.D
Acq On : 14 Nov 2019 9:47
Operator : JU
Sample : K5111-01
Misc : LOD-MDL-SOIL-5PPM
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOD-MDL-SOIL-01-QT4-2019

Quant Time: Nov 14 10:44:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 18:36:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	251358	20.00	ng		0.00
21) Naphthalene-d8	8.21	136	994877	20.00	ng		0.00
39) Acenaphthene-d10	9.97	164	535341	20.00	ng		0.00
64) Phenanthrene-d10	11.46	188	1029428	20.00	ng		0.00
76) Chrysene-d12	14.11	240	788173	20.00	ng		0.00
87) Perylene-d12	15.62	264	738710	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	1910599	134.55	ng		0.00
7) Phenol-d6	6.55	99	2319180	135.41	ng		0.00
23) Nitrobenzene-d5	7.49	82	1701027	101.64	ng		0.00
42) 2,4,6-Tribromophenol	10.77	330	778243	137.31	ng		0.00
45) 2-Fluorobiphenyl	9.29	172	3041391	101.92	ng		0.00
79) Terphenyl-d14	13.06	244	3529202	81.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	31394	4.730	ng		99
3) Pyridine	3.55	79	72356	4.156	ng		96
4) n-Nitrosodimethylamine	3.42	42	37551	4.941	ng	#	97
6) Aniline	6.59	93	130741	5.776	ng		97
8) 2-Chlorophenol	6.71	128	86944	5.643	ng		97
9) Benzaldehyde	6.47	77	71968	6.727	ng		96
10) Phenol	6.56	94	98860	5.555	ng		96
11) bis(2-Chloroethyl)ether	6.66	93	80740	5.649	ng		97
12) 1,3-Dichlorobenzene	6.86	146	98481	5.429	ng		98
13) 1,4-Dichlorobenzene	6.94	146	102328	5.581	ng		99
14) 1,2-Dichlorobenzene	7.10	146	94993	5.417	ng		97
15) Benzyl Alcohol	7.06	79	57125	4.320	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.20	45	115380	5.243	ng		99
17) 2-Methylphenol	7.16	107	73412	5.626	ng		98
18) Hexachloroethane	7.44	117	35000	5.196	ng		95
19) n-Nitroso-di-n-propylamine	7.33	70	59588	5.639	ng		95
20) 3+4-Methylphenols	7.32	107	95036	5.867	ng		97
22) Acetophenone	7.33	105	127450	5.702	ng		97
24) Nitrobenzene	7.50	77	97641	5.655	ng		99
25) Isophorone	7.74	82	167238	5.452	ng		96
26) 2-Nitrophenol	7.82	139	40963	4.875	ng		97
27) 2,4-Dimethylphenol	7.85	122	77662	5.947	ng		99
28) bis(2-Chloroethoxy)methane	7.95	93	102255	5.253	ng		97
29) 2,4-Dichlorophenol	8.06	162	73881	5.216	ng		99
30) 1,2,4-Trichlorobenzene	8.15	180	85761	5.220	ng		98
31) Naphthalene	8.23	128	273494	5.897	ng		97
32) Benzoic acid	7.90	122	22054	2.017	ng		96
33) 4-Chloroaniline	8.27	127	110123	5.304	ng		98
34) Hexachlorobutadiene	8.35	225	47608	4.956	ng		99
35) Caprolactam	8.60	113	22829	5.071	ng		94
36) 4-Chloro-3-methylphenol	8.75	107	76876	5.348	ng		97
37) 2-Methylnaphthalene	8.92	142	184911	5.901	ng		99
38) 1-Methylnaphthalene	9.03	142	173438	5.854	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.09	216	81299	5.229	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.08	237	41960	4.816	ng		99
43) 2,4,6-Trichlorophenol	9.20	196	51585	4.632	ng		97
44) 2,4,5-Trichlorophenol	9.23	196	55901	4.835	ng		98
46) 1,1'-Biphenyl	9.39	154	234753	5.911	ng		96
47) 2-Chloronaphthalene	9.42	162	173838	5.320	ng		96
48) 2-Nitroaniline	9.50	65	44264	4.487	ng		96
49) Acenaphthylene	9.83	152	275992	5.794	ng		97
50) Dimethylphthalate	9.68	163	199443	5.313	ng		100
51) 2,6-Dinitrotoluene	9.75	165	40736	4.965	ng		90
52) Acenaphthene	10.00	154	171414	5.617	ng		97
53) 3-Nitroaniline	9.91	138	44408	4.523	ng		95
54) 2,4-Dinitrophenol	10.02	184	10336	2.838	ng	#	84
55) Dibenzofuran	10.17	168	247430	5.855	ng		96
56) 4-Nitrophenol	10.06	139	35563	4.853	ng		99
57) 2,4-Dinitrotoluene	10.15	165	51189	4.905	ng		94
58) Fluorene	10.52	166	193117	5.897	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.29	232	48756	5.132	ng		99
60) Diethylphthalate	10.39	149	197278	5.390	ng		98
61) 4-Chlorophenyl-phenylether	10.52	204	95245	5.731	ng		95
62) 4-Nitroaniline	10.52	138	45584	4.637	ng		95
63) Azobenzene	10.67	77	187585	5.634	ng		98
65) 4,6-Dinitro-2-methylphenol	10.56	198	17598	3.662	ng		87
66) n-Nitrosodiphenylamine	10.63	169	167401	5.588	ng		99
67) 4-Bromophenyl-phenylether	11.00	248	58704	5.285	ng		96
68) Hexachlorobenzene	11.07	284	67895	5.242	ng	#	91
69) Atrazine	11.15	200	47803	4.851	ng		98
70) Pentachlorophenol	11.26	266	32516	4.297	ng		100
71) Phenanthrene	11.49	178	300244	5.801	ng		96
72) Anthracene	11.54	178	306455	5.972	ng		97
73) Carbazole	11.69	167	266444	5.942	ng		97
74) Di-n-butylphthalate	12.02	149	304800	5.459	ng		99
75) Fluoranthene	12.68	202	306404	6.120	ng		99
77) Benzidine	12.80	184	131710	5.102	ng		98
78) Pyrene	12.91	202	313261	4.918	ng		98
80) Butylbenzylphthalate	13.53	149	114213	4.175	ng		94
81) Benzo(a)anthracene	14.10	228	275251	5.285	ng		98
82) 3,3'-Dichlorobenzidine	14.06	252	96647	5.305	ng		98
83) Chrysene	14.14	228	263853	5.228	ng		96
84) Bis(2-ethylhexyl)phthalate	14.09	149	159085	4.796	ng		98
85) Di-n-octyl phthalate	14.71	149	235646	4.836	ng		99
86) Indeno(1,2,3-cd)pyrene	17.14	276	189069	4.402	ng		99
88) Benzo(b)fluoranthene	15.17	252	241860	5.039	ng		100
89) Benzo(k)fluoranthene	15.20	252	226042	4.999	ng		98
90) Benzo(a)pyrene	15.55	252	200350	4.747	ng		98
91) Dibenzo(a,h)anthracene	17.17	278	158002	4.350	ng		97
92) Benzo(g,h,i)perylene	17.61	276	155127	4.288	ng		97

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

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