Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082019\
Data File : BF116433.D
Acq On : 20 Aug 2019 14:29
Operator : HP/JU
Sample : K4165-03MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CP-MW2-N-12-16-SOILMSD

Manual Integrations APPROVED
Jagrut
8/21/2019 3:51:14 PM

Quant Time: Aug 20 15:36:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 06:03:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	108527	20.00	ng		-0.01
21) Naphthalene-d8	8.08	136	440223	20.00	ng		-0.02
39) Acenaphthene-d10	9.84	164	245922	20.00	ng		-0.01
64) Phenanthrene-d10	11.32	188	444875	20.00	ng		-0.02
76) Chrysene-d12	13.97	240	331876	20.00	ng		-0.01
87) Perylene-d12	15.42	264	332405	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	543264	83.80	ng		0.00
7) Phenol-d6	6.46	99	687376	84.04	ng		0.00
23) Nitrobenzene-d5	7.37	82	430123	56.40	ng		-0.02
42) 2,4,6-Tribromophenol	10.63	330	195195	81.87	ng		-0.02
45) 2-Fluorobiphenyl	9.16	172	730911	55.67	ng		-0.01
79) Terphenyl-d14	12.90	244	854587	54.26	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	111654	34.092	ng		97
3) Pyridine	3.32	79	282554	30.885	ng		99
4) n-Nitrosodimethylamine	3.26	42	123674	34.255	ng		97
6) Aniline	6.47	93	355569	30.355	ng	#	42
8) 2-Chlorophenol	6.60	128	300078	41.859	ng		97
9) Benzaldehyde	6.36	77	148796	26.366	ng		99
10) Phenol	6.47	94	390467	40.539	ng		87
11) bis(2-Chloroethyl)ether	6.54	93	285501	40.317	ng		99
12) 1,3-Dichlorobenzene	6.75	146	318065	38.391	ng		98
13) 1,4-Dichlorobenzene	6.82	146	327686	39.502	ng		98
14) 1,2-Dichlorobenzene	6.97	146	302938	39.660	ng		98
15) Benzyl Alcohol	6.96	79	249590	40.210	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.08	45	375777	38.904	ng		63
17) 2-Methylphenol	7.07	107	251817	41.485	ng	#	90
18) Hexachloroethane	7.31	117	116250	38.063	ng		98
19) n-Nitroso-di-n-propylamine	7.22	70	214478	42.316	ng		95
20) 3+4-Methylphenols	7.23	107	332835	46.335	ng	#	77
22) Acetophenone	7.22	105	416032	43.091	ng	#	93
24) Nitrobenzene	7.39	77	337078	40.933	ng		98
25) Isophorone	7.63	82	609631	41.804	ng		99
26) 2-Nitrophenol	7.71	139	164702	42.430	ng		95
27) 2,4-Dimethylphenol	7.75	122	270724	46.357	ng		99
28) bis(2-Chloroethoxy)methane	7.83	93	371732	41.126	ng		100
29) 2,4-Dichlorophenol	7.96	162	267724	43.418	ng		99
30) 1,2,4-Trichlorobenzene	8.03	180	277219	39.440	ng		99
31) Naphthalene	8.10	128	870023	41.998	ng		99
32) Benzoic acid	7.90	122	121816	29.586	ng		99
33) 4-Chloroaniline	8.16	127	274851	29.694	ng		98
34) Hexachlorobutadiene	8.22	225	157344	38.863	ng		99
35) Caprolactam	8.53	113	85763m	43.003	ng		
36) 4-Chloro-3-methylphenol	8.66	107	280768	43.768	ng		97
37) 2-Methylnaphthalene	8.80	142	587114	43.033	ng		98
38) 1-Methylnaphthalene	8.89	142	546805	42.365	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	265459	40.377	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	76099	29.797	ng		99
43) 2,4,6-Trichlorophenol	9.09	196	168217	37.172	ng		99
44) 2,4,5-Trichlorophenol	9.13	196	176290	37.686	ng		98
46) 1,1'-Biphenyl	9.26	154	720479	41.497	ng		99
47) 2-Chloronaphthalene	9.29	162	566378	39.195	ng		99
48) 2-Nitroaniline	9.39	65	185321	38.800	ng		99
49) Acenaphthylene	9.70	152	861114	40.847	ng		99
50) Dimethylphthalate	9.56	163	813341	48.574	ng		100
51) 2,6-Dinitrotoluene	9.63	165	150245	41.289	ng	#	84
52) Acenaphthene	9.87	154	523165	40.451	ng		98
53) 3-Nitroaniline	9.80	138	132850	29.547	ng		99
54) 2,4-Dinitrophenol	9.93	184	91389	52.369	ng		99
55) Dibenzofuran	10.05	168	758061	40.304	ng		100
56) 4-Nitrophenol	9.99	139	163462	56.751	ng		93
57) 2,4-Dinitrotoluene	10.05	165	191277	39.480	ng		95
58) Fluorene	10.39	166	625302	43.212	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	156667	39.809	ng		97
60) Diethylphthalate	10.26	149	666782	42.652	ng		100
61) 4-Chlorophenyl-phenylether	10.37	204	314909	42.969	ng		97
62) 4-Nitroaniline	10.42	138	169430	36.463	ng		98
63) Azobenzene	10.53	77	681721	42.397	ng		99
65) 4,6-Dinitro-2-methylphenol	10.46	198	91420	38.778	ng		100
66) n-Nitrosodiphenylamine	10.49	169	555985	41.522	ng		99
67) 4-Bromophenyl-phenylether	10.86	248	191794	40.273	ng		97
68) Hexachlorobenzene	10.94	284	213586	38.785	ng		99
69) Atrazine	11.02	200	181507	41.203	ng		99
70) Pentachlorophenol	11.15	266	145173	54.299	ng		98
71) Phenanthrene	11.35	178	945205	41.560	ng		100
72) Anthracene	11.40	178	980695	42.608	ng		99
73) Carbazole	11.56	167	896226	42.919	ng		100
74) Di-n-butylphthalate	11.87	149	1108244	45.495	ng		99
75) Fluoranthene	12.54	202	1015477	42.650	ng		98
77) Benzidine	12.66	184	421969	37.635	ng		97
78) Pyrene	12.77	202	1025581	40.995	ng		99
80) Butylbenzylphthalate	13.37	149	487063	46.026	ng		96
81) Benzo(a)anthracene	13.96	228	859773	40.532	ng		100
82) 3,3'-Dichlorobenzidine	13.91	252	284417	38.593	ng		100
83) Chrysene	13.99	228	849155	41.233	ng		98
84) Bis(2-ethylhexyl)phthalate	13.92	149	705994	51.338	ng		99
85) Di-n-octyl phthalate	14.53	149	1133921	51.913	ng		99
86) Indeno(1,2,3-cd)pyrene	16.89	276	835683	48.315	ng		100
88) Benzo(b)fluoranthene	15.00	252	792880	41.253	ng		99
89) Benzo(k)fluoranthene	15.03	252	734809	39.251	ng		98
90) Benzo(a)pyrene	15.36	252	739028	43.014	ng		100
91) Dibenzo(a,h)anthracene	16.88	278	702887	47.262	ng		99
92) Benzo(g,h,i)perylene	17.32	276	699953	47.923	ng		97

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

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