Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082019\
Data File : BF116432.D
Acq On : 20 Aug 2019 14:02
Operator : HP/JU
Sample : K4165-03MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

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

Manual Integrations APPROVED
Jagrut
8/21/2019 3:51:11 PM

Quant Time: Aug 20 15:35:54 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	104605	20.00	ng		-0.01
21) Naphthalene-d8	8.09	136	431163	20.00	ng		-0.01
39) Acenaphthene-d10	9.84	164	239412	20.00	ng		-0.01
64) Phenanthrene-d10	11.32	188	435831	20.00	ng		-0.02
76) Chrysene-d12	13.97	240	322721	20.00	ng		-0.01
87) Perylene-d12	15.42	264	331648	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	530429	84.89	ng		0.00
7) Phenol-d6	6.46	99	681963	86.50	ng		0.00
23) Nitrobenzene-d5	7.37	82	424015	56.77	ng		-0.02
42) 2,4,6-Tribromophenol	10.63	330	188247	81.10	ng		-0.01
45) 2-Fluorobiphenyl	9.16	172	719702	56.31	ng		-0.01
79) Terphenyl-d14	12.90	244	831319	54.28	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	108098	34.244	ng		98
3) Pyridine	3.32	79	272512	30.904	ng		99
4) n-Nitrosodimethylamine	3.26	42	116811	33.567	ng	#	100
6) Aniline	6.47	93	346012	30.647	ng	#	74
8) 2-Chlorophenol	6.60	128	296897	42.968	ng		98
9) Benzaldehyde	6.36	77	147086	27.040	ng		99
10) Phenol	6.47	94	386364	41.617	ng		89
11) bis(2-Chloroethyl)ether	6.54	93	281063	41.178	ng		99
12) 1,3-Dichlorobenzene	6.75	146	312064	39.079	ng		98
13) 1,4-Dichlorobenzene	6.82	146	324727	40.613	ng		97
14) 1,2-Dichlorobenzene	6.97	146	300474	40.813	ng		100
15) Benzyl Alcohol	6.96	79	249021	41.622	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.07	45	367258	39.447	ng	#	37
17) 2-Methylphenol	7.07	107	245802	42.012	ng	#	90
18) Hexachloroethane	7.31	117	113675	38.615	ng		98
19) n-Nitroso-di-n-propylamine	7.22	70	213484	43.699	ng		97
20) 3+4-Methylphenols	7.23	107	325275	46.980	ng	#	76
22) Acetophenone	7.22	105	414246	43.808	ng	#	93
24) Nitrobenzene	7.39	77	331867	41.147	ng		97
25) Isophorone	7.63	82	595865	41.719	ng		99
26) 2-Nitrophenol	7.71	139	161903	42.585	ng		94
27) 2,4-Dimethylphenol	7.75	122	266229	46.545	ng		99
28) bis(2-Chloroethoxy)methane	7.83	93	367706	41.536	ng		99
29) 2,4-Dichlorophenol	7.96	162	259170	42.914	ng		99
30) 1,2,4-Trichlorobenzene	8.03	180	275317	39.992	ng		99
31) Naphthalene	8.10	128	863309	42.549	ng		99
32) Benzoic acid	7.90	122	126130	31.277	ng		97
33) 4-Chloroaniline	8.16	127	269397	29.717	ng		98
34) Hexachlorobutadiene	8.22	225	152163	38.373	ng		99
35) Caprolactam	8.53	113	83410m	42.702	ng		
36) 4-Chloro-3-methylphenol	8.66	107	275517	43.852	ng		97
37) 2-Methylnaphthalene	8.80	142	574500	42.994	ng		98
38) 1-Methylnaphthalene	8.89	142	538615	42.607	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	260478	40.697	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	75359	30.207	ng		100
43) 2,4,6-Trichlorophenol	9.09	196	166201	37.726	ng		99
44) 2,4,5-Trichlorophenol	9.13	196	174329	38.281	ng		98
46) 1,1'-Biphenyl	9.26	154	710931	42.061	ng		98
47) 2-Chloronaphthalene	9.29	162	557135	39.604	ng		99
48) 2-Nitroaniline	9.39	65	181865	39.111	ng		98
49) Acenaphthylene	9.70	152	838510	40.856	ng		99
50) Dimethylphthalate	9.56	163	800072	49.080	ng		100
51) 2,6-Dinitrotoluene	9.63	165	146671	41.403	ng	#	84
52) Acenaphthene	9.87	154	515558	40.947	ng		100
53) 3-Nitroaniline	9.80	138	132763	30.330	ng		98
54) 2,4-Dinitrophenol	9.93	184	88231	51.999	ng		99
55) Dibenzofuran	10.05	168	736612	40.229	ng		99
56) 4-Nitrophenol	9.99	139	161270	57.513	ng		92
57) 2,4-Dinitrotoluene	10.05	165	187615	39.777	ng		94
58) Fluorene	10.39	166	613185	43.527	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.17	232	155533	40.595	ng		96
60) Diethylphthalate	10.26	149	653339	42.928	ng		100
61) 4-Chlorophenyl-phenylether	10.37	204	306738	42.992	ng		97
62) 4-Nitroaniline	10.42	138	165932	36.681	ng		99
63) Azobenzene	10.53	77	668373	42.697	ng		99
65) 4,6-Dinitro-2-methylphenol	10.46	198	88358	38.257	ng		99
66) n-Nitrosodiphenylamine	10.49	169	547756	41.756	ng		100
67) 4-Bromophenyl-phenylether	10.86	248	188711	40.448	ng		99
68) Hexachlorobenzene	10.94	284	206050	38.193	ng		98
69) Atrazine	11.02	200	174853	40.517	ng		98
70) Pentachlorophenol	11.14	266	138149	52.744	ng		98
71) Phenanthrene	11.35	178	920441	41.311	ng		100
72) Anthracene	11.40	178	955235	42.363	ng		99
73) Carbazole	11.56	167	869835	42.519	ng		100
74) Di-n-butylphthalate	11.87	149	1070151	44.843	ng		99
75) Fluoranthene	12.54	202	1000172	42.879	ng		99
77) Benzidine	12.66	184	420252	38.545	ng		98
78) Pyrene	12.77	202	1005580	41.336	ng		99
80) Butylbenzylphthalate	13.37	149	474580	46.118	ng		96
81) Benzo(a)anthracene	13.96	228	838721	40.661	ng		99
82) 3,3'-Dichlorobenzidine	13.91	252	279781	39.041	ng		99
83) Chrysene	13.99	228	829342	41.414	ng		99
84) Bis(2-ethylhexyl)phthalate	13.92	149	678526	50.741	ng		100
85) Di-n-octyl phthalate	14.53	149	1104689	52.009	ng		99
86) Indeno(1,2,3-cd)pyrene	16.89	276	832041	49.469	ng		100
88) Benzo(b)fluoranthene	15.00	252	774810	40.405	ng		99
89) Benzo(k)fluoranthene	15.03	252	734434	39.321	ng		98
90) Benzo(a)pyrene	15.36	252	737932	43.048	ng		99
91) Dibenzo(a,h)anthracene	16.88	278	699454	47.138	ng		98
92) Benzo(g,h,i)perylene	17.32	276	691531	47.454	ng		99

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

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