Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082517\
Data File : BF098050.D
Acq On : 26 Aug 2017 00:31
Operator : SJ/JU
Sample : I4938-01MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IRON-LEAF-TOPSOILMSD

Manual Integrations APPROVED
Sohil
8/28/2017 3:13:37 PM

Quant Time: Aug 28 11:02:19 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 21 15:59:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	100946	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	360173	20.00	ng		0.00
38) Acenaphthene-d10	9.78	164	138369	20.00	ng		0.00
63) Phenanthrene-d10	11.26	188	262817	20.00	ng		0.00
75) Chrysene-d12	13.90	240	173992	20.00	ng		0.00
86) Perylene-d12	15.33	264	126132	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	682960	102.91	ng		0.00
7) Phenol-d6	6.39	99	909656	100.88	ng		0.00
23) Nitrobenzene-d5	7.31	82	525941	79.33	ng		-0.01
41) 2,4,6-Tribromophenol	10.57	330	127353	106.08	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	708004	75.18	ng		0.00
78) Terphenyl-d14	12.85	244	601586	72.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	114594	30.962	ng		89
3) Pyridine	3.12	79	355235	34.719	ng	#	85
4) n-Nitrosodimethylamine	3.07	42	146798	37.287	ng	#	78
6) Aniline	6.41	93	349450	27.587	ng		94
8) 2-Chlorophenol	6.53	128	276731	39.539	ng		98
9) Benzaldehyde	6.29	77	146913	25.722	ng		91
10) Phenol	6.40	94	429192	40.697	ng		97
11) bis(2-Chloroethyl)ether	6.49	93	339512	42.654	ng		91
12) 1,3-Dichlorobenzene	6.69	146	272727	36.227	ng	#	95
13) 1,4-Dichlorobenzene	6.76	146	278941	36.431	ng		94
14) 1,2-Dichlorobenzene	6.92	146	260378	36.881	ng		99
15) Benzyl Alcohol	6.89	79	267107	39.566	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.03	45	387976	36.227	ng		90
17) 2-Methylphenol	7.00	107	240572	39.005	ng		97
18) Hexachloroethane	7.26	117	74487	24.813	ng	#	84
19) n-Nitroso-di-n-propylamine	7.16	70	207550	33.624	ng		89
20) 3+4-Methylphenols	7.16	107	287756	38.198	ng	#	87
22) Acetophenone	7.16	105	388554	40.836	ng	#	89
24) Nitrobenzene	7.33	77	330631	44.788	ng		92
25) Isophorone	7.57	82	561167	40.705	ng		97
26) 2-Nitrophenol	7.65	139	93566	36.410	ng	#	81
27) 2,4-Dimethylphenol	7.69	122	232357	40.413	ng		94
28) bis(2-Chloroethoxy)methane	7.78	93	361913	39.931	ng		98
29) 2,4-Dichlorophenol	7.89	162	189123	39.626	ng		92
30) 1,2,4-Trichlorobenzene	7.97	180	198744	37.564	ng		99
31) Naphthalene	8.05	128	721058	38.563	ng		100
32) Benzoic acid	7.81	122	140874	35.546	ng		88
33) 4-Chloroaniline	8.11	127	241589	30.636	ng		98
34) Hexachlorobutadiene	8.17	225	115281	37.318	ng		97
35) Caprolactam	8.46	113	65165	40.162	ng		91
36) 4-Chloro-3-methylphenol	8.59	107	216060	35.234	ng	#	80
37) 2-Methylnaphthalene	8.74	142	439267	38.318	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	174570	41.109	ng		99
40) Hexachlorocyclopentadiene	8.89	237	13024	6.384	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	116242	40.773	ng		96
43) 2,4,5-Trichlorophenol	9.06	196	119294	42.177	ng		96
45) 1,1'-Biphenyl	9.20	154	489774	38.816	ng		96
46) 2-Chloronaphthalene	9.23	162	359586	38.569	ng	#	91
47) 2-Nitroaniline	9.33	65	163743	52.390	ng		99
48) Acenaphthylene	9.64	152	655729	44.788	ng		100
49) Dimethylphthalate	9.50	163	504014	49.831	ng		99
50) 2,6-Dinitrotoluene	9.57	165	70693	35.015	ng	#	72
51) Acenaphthene	9.82	154	347843	37.671	ng		99
52) 3-Nitroaniline	9.73	138	118429	45.466	ng		86
53) 2,4-Dinitrophenol	9.85	184	2847	12.730	ng		84
54) Dibenzofuran	9.99	168	521771	42.163	ng		98
55) 4-Nitrophenol	9.90	139	150005	72.191	ng	#	32
56) 2,4-Dinitrotoluene	9.97	165	83194	32.835	ng	#	51
57) Fluorene	10.33	166	406650	42.502	ng		96
58) 2,3,4,6-Tetrachlorophenol	10.10	232	98798	45.117	ng		93
59) Diethylphthalate	10.20	149	425035	40.185	ng		99
60) 4-Chlorophenyl-phenylether	10.32	204	174179	39.186	ng	#	86
61) 4-Nitroaniline	10.35	138	126007	50.898	ng		76
62) Azobenzene	10.48	77	489821	38.986	ng		94
64) 4,6-Dinitro-2-methylphenol	10.38	198	2487	9.981	ng	#	82
65) n-Nitrosodiphenylamine	10.44	169	342234	38.240	ng		99
66) 4-Bromophenyl-phenylether	10.81	248	104325	38.226	ng		93
67) Hexachlorobenzene	10.87	284	100476	36.120	ng	#	86
68) Atrazine	10.97	200	86318	36.368	ng		97
69) Pentachlorophenol	11.07	266	115516	71.222	ng		97
70) Phenanthrene	11.29	178	841306	60.073	ng		100
71) Anthracene	11.34	178	698992	49.209	ng		100
72) Carbazole	11.49	167	566773	42.035	ng		98
73) Di-n-butylphthalate	11.83	149	647044	41.662	ng		99
74) Fluoranthene	12.48	202	1248130	85.385	ng		100
76) Benzidine	12.60	184	111926	19.620	ng		95
77) Pyrene	12.70	202	1234918	86.779	ng		99
79) Butylbenzylphthalate	13.32	149	275721	50.535	ng	#	70
80) Benzo(a)anthracene	13.89	228	647795	62.120	ng		98
81) 3,3'-Dichlorobenzidine	13.85	252	123038	34.965	ng	#	96
82) Chrysene	13.93	228	632148	60.939	ng		98
83) Bis(2-ethylhexyl)phthalate	13.89	149	314894	52.084	ng	#	99
84) Di-n-octyl phthalate	14.50	149	487863	46.377	ng		99
85) Indeno(1,2,3-cd)pyrene	16.73	276	400358m	52.464	ng		
87) Benzo(b)fluoranthene	14.92	252	525127	66.050	ng		99
88) Benzo(k)fluoranthene	14.95	252	403211	53.981	ng	#	95
89) Benzo(a)pyrene	15.27	252	473962	67.340	ng		99
90) Dibenzo(a,h)anthracene	16.74	278	256743	44.806	ng		97
91) Benzo(g,h,i)perylene	17.15	276	340887	57.015	ng	#	92

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

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