Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051519\
Data File : BF114296.D
Acq On : 15 May 2019 20:32
Operator : JU/SJ
Sample : K2851-01MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SOIL-COMPMS

Manual Integrations APPROVED
mohammad
5/16/2019 9:51:09 AM

Quant Time: May 16 08:17:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 15:56:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	278395	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	1075724	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	516127	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	1044327	20.00	ng		0.00
76) Chrysene-d12	14.03	240	695065	20.00	ng		0.00
87) Perylene-d12	15.51	264	722555	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1869009	108.04	ng		0.01
7) Phenol-d6	6.50	99	2474945	120.96	ng		0.01
23) Nitrobenzene-d5	7.42	82	1536893	80.18	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	585873	109.80	ng		0.01
45) 2-Fluorobiphenyl	9.20	172	1976556	57.93	ng		0.00
79) Terphenyl-d14	12.96	244	2134921	63.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.68	88	331763	34.890	ng		99
3) Pyridine	3.43	79	910785	34.764	ng		96
4) n-Nitrosodimethylamine	3.39	42	485998	38.468	ng		93
6) Aniline	6.52	93	703442	23.800	ng	#	1
8) 2-Chlorophenol	6.65	128	811034	43.915	ng		99
9) Benzaldehyde	6.40	77	354586	24.755	ng		98
10) Phenol	6.52	94	1018353	42.309	ng		99
11) bis(2-Chloroethyl)ether	6.59	93	829439	45.391	ng		99
12) 1,3-Dichlorobenzene	6.79	146	832202	40.143	ng		98
13) 1,4-Dichlorobenzene	6.87	146	841112	40.264	ng		97
14) 1,2-Dichlorobenzene	7.02	146	789847	41.385	ng		99
15) Benzyl Alcohol	7.00	79	700894	43.921	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1460794	41.230	ng		78
17) 2-Methylphenol	7.12	107	661879	43.628	ng	#	92
18) Hexachloroethane	7.36	117	316220	40.328	ng		98
19) n-Nitroso-di-n-propylamine	7.27	70	570262	43.971	ng		98
20) 3+4-Methylphenols	7.27	107	826003	47.125	ng	#	70
22) Acetophenone	7.26	105	1092195	45.831	ng		94
24) Nitrobenzene	7.43	77	896813	45.936	ng		100
25) Isophorone	7.67	82	1641624	46.179	ng		100
26) 2-Nitrophenol	7.75	139	467325	49.338	ng		97
27) 2,4-Dimethylphenol	7.79	122	753230	50.633	ng		99
28) bis(2-Chloroethoxy)methane	7.88	93	1045025	45.306	ng		100
29) 2,4-Dichlorophenol	8.00	162	689564	46.550	ng		99
30) 1,2,4-Trichlorobenzene	8.07	180	711382	42.232	ng		100
31) Naphthalene	8.16	128	2344217	46.652	ng		100
32) Benzoic acid	7.90	122	130376	17.514	ng		97
33) 4-Chloroaniline	8.20	127	242399	10.586	ng		97
34) Hexachlorobutadiene	8.27	225	388599	40.545	ng		96
35) Caprolactam	8.59	113	292862m	60.631	ng		
36) 4-Chloro-3-methylphenol	8.70	107	758330	50.858	ng		98
37) 2-Methylnaphthalene	8.85	142	1563002	48.211	ng		98
38) 1-Methylnaphthalene	8.95	142	1467475	48.065	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	679847	43.484	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	433015	60.559	ng		98
43) 2,4,6-Trichlorophenol	9.13	196	478186	44.466	ng		98
44) 2,4,5-Trichlorophenol	9.18	196	514080	46.613	ng		98
46) 1,1'-Biphenyl	9.31	154	1833186	43.965	ng		99
47) 2-Chloronaphthalene	9.34	162	1408295	41.968	ng		98
48) 2-Nitroaniline	9.43	65	533397	44.820	ng		99
49) Acenaphthylene	9.75	152	2251558	44.116	ng		100
50) Dimethylphthalate	9.61	163	2124832	56.081	ng		99
51) 2,6-Dinitrotoluene	9.68	165	392070	46.655	ng		90
52) Acenaphthene	9.92	154	1331042	42.500	ng		98
53) 3-Nitroaniline	9.85	138	283728	27.198	ng		99
54) 2,4-Dinitrophenol	9.96	184	199614	50.001	ng		94
55) Dibenzofuran	10.10	168	1908928	41.567	ng		98
56) 4-Nitrophenol	10.03	139	576175	78.101	ng		97
57) 2,4-Dinitrotoluene	10.09	165	492128	43.146	ng	#	86
58) Fluorene	10.44	166	1565073	44.121	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	428385	45.018	ng		99
60) Diethylphthalate	10.31	149	1688787	43.868	ng		100
61) 4-Chlorophenyl-phenylether	10.43	204	734540	42.161	ng		100
62) 4-Nitroaniline	10.47	138	472791	43.130	ng		97
63) Azobenzene	10.59	77	1653270	44.367	ng		99
65) 4,6-Dinitro-2-methylphenol	10.50	198	217182	43.280	ng		82
66) n-Nitrosodiphenylamine	10.55	169	1430934	45.146	ng		100
67) 4-Bromophenyl-phenylether	10.92	248	491064	42.707	ng		98
68) Hexachlorobenzene	10.99	284	524040	41.197	ng		97
69) Atrazine	11.08	200	446711	45.289	ng		98
70) Pentachlorophenol	11.19	266	494134	81.946	ng		99
71) Phenanthrene	11.40	178	2404092	47.317	ng		100
72) Anthracene	11.46	178	2351123	46.071	ng		99
73) Carbazole	11.61	167	2255209	46.343	ng		100
74) Di-n-butylphthalate	11.93	149	2621050	46.751	ng		98
75) Fluoranthene	12.59	202	2713360	49.592	ng		98
77) Benzidine	12.70	184	984318	31.548	ng		97
78) Pyrene	12.82	202	2688928	48.090	ng		99
80) Butylbenzylphthalate	13.43	149	1218534	51.775	ng		97
81) Benzo(a)anthracene	14.02	228	2188561	48.682	ng		100
82) 3,3'-Dichlorobenzidine	13.97	252	462711	26.532	ng		99
83) Chrysene	14.05	228	2059043	46.722	ng		99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1659690	53.920	ng		100
85) Di-n-octyl phthalate	14.62	149	2668597	53.482	ng		99
86) Indeno(1,2,3-cd)pyrene	17.01	276	2173673	55.809	ng		99
88) Benzo(b)fluoranthene	15.08	252	2056804	44.432	ng		99
89) Benzo(k)fluoranthene	15.11	252	1875381	44.103	ng		99
90) Benzo(a)pyrene	15.45	252	1884101	46.247	ng		100
91) Dibenzo(a,h)anthracene	17.02	278	1753080	51.785	ng		100
92) Benzo(g,h,i)perylene	17.46	276	1883744	55.525	ng		99

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

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