Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051619\
Data File : BF114311.D
Acq On : 16 May 2019 16:14
Operator : JU/SJ
Sample : K2837-02MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-COMPMSD

Manual Integrations APPROVED
mohammad
5/17/2019 3:04:12 PM

Quant Time: May 17 08:31:01 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	244084	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	953915	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	466741	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	934290	20.00	ng		0.00
76) Chrysene-d12	14.03	240	591844	20.00	ng		0.01
87) Perylene-d12	15.53	264	639720	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1509773	99.54	ng		0.02
7) Phenol-d6	6.50	99	1863716	103.89	ng		0.01
23) Nitrobenzene-d5	7.42	82	1364589	80.28	ng		0.00
42) 2,4,6-Tribromophenol	10.68	330	515564	106.85	ng		0.00
45) 2-Fluorobiphenyl	9.21	172	2281112	73.93	ng		0.00
79) Terphenyl-d14	12.96	244	2264840	78.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.80	88	261285	31.341	ng	#	82
3) Pyridine	3.52	79	623787	27.157	ng		97
4) n-Nitrosodimethylamine	3.43	42	363827	32.846	ng		95
6) Aniline	6.52	93	203281	7.845	ng	#	1
8) 2-Chlorophenol	6.65	128	646423	39.922	ng		99
9) Benzaldehyde	6.40	77	211085	16.808	ng		99
10) Phenol	6.52	94	688103	32.607	ng		92
11) bis(2-Chloroethyl)ether	6.59	93	662918	41.378	ng		100
12) 1,3-Dichlorobenzene	6.79	146	547660	30.131	ng		98
13) 1,4-Dichlorobenzene	6.87	146	560866	30.623	ng		97
14) 1,2-Dichlorobenzene	7.02	146	523901	31.309	ng		99
15) Benzyl Alcohol	7.00	79	546928	39.091	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1153359	37.129	ng		77
17) 2-Methylphenol	7.12	107	502663	37.791	ng	#	89
18) Hexachloroethane	7.36	117	201191	29.265	ng		97
19) n-Nitroso-di-n-propylamine	7.27	70	462395	40.666	ng		98
20) 3+4-Methylphenols	7.27	107	662771	43.127	ng	#	57
22) Acetophenone	7.26	105	902561	42.710	ng	#	89
24) Nitrobenzene	7.43	77	708698	40.936	ng		97
25) Isophorone	7.67	82	1288309	40.868	ng		100
26) 2-Nitrophenol	7.75	139	363256	43.248	ng		99
27) 2,4-Dimethylphenol	7.79	122	575325	43.612	ng		99
28) bis(2-Chloroethoxy)methane	7.87	93	829980	40.578	ng		99
29) 2,4-Dichlorophenol	8.00	162	552827	42.085	ng		99
30) 1,2,4-Trichlorobenzene	8.07	180	526093	35.220	ng		99
31) Naphthalene	8.15	128	1738341	39.012	ng		99
32) Benzoic acid	7.93	122	280814	32.508	ng		98
33) 4-Chloroaniline	8.21	127	122448	6.030	ng		98
34) Hexachlorobutadiene	8.27	225	274255	32.269	ng		99
35) Caprolactam	8.58	113	157676m	36.812	ng		
36) 4-Chloro-3-methylphenol	8.70	107	578471	43.749	ng		97
37) 2-Methylnaphthalene	8.85	142	1221675	42.494	ng		98
38) 1-Methylnaphthalene	8.95	142	1153626	42.611	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	551888	39.034	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	297080	46.988 ng	99
43) 2,4,6-Trichlorophenol	9.13	196	372169	38.270 ng	97
44) 2,4,5-Trichlorophenol	9.18	196	400181	40.125 ng	98
46) 1,1'-Biphenyl	9.31	154	1498913	39.752 ng	99
47) 2-Chloronaphthalene	9.33	162	1145854	37.760 ng	99
48) 2-Nitroaniline	9.43	65	417500	38.794 ng	97
49) Acenaphthylene	9.75	152	1819136	39.415 ng	99
50) Dimethylphthalate	9.60	163	1369949	39.983 ng	99
51) 2,6-Dinitrotoluene	9.67	165	315346	41.495 ng	96
52) Acenaphthene	9.92	154	1082014	38.204 ng	99
53) 3-Nitroaniline	9.85	138	136009	14.417 ng	99
54) 2,4-Dinitrophenol	9.96	184	228801	61.572 ng	95
55) Dibenzofuran	10.09	168	1589022	38.262 ng	99
56) 4-Nitrophenol	10.03	139	364278	54.603 ng	99
57) 2,4-Dinitrotoluene	10.09	165	399596	38.740 ng	94
58) Fluorene	10.44	166	1263687	39.394 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	332129	38.595 ng	100
60) Diethylphthalate	10.30	149	1356774	38.973 ng	98
61) 4-Chlorophenyl-phenylether	10.43	204	608092	38.596 ng	97
62) 4-Nitroaniline	10.46	138	333757	33.669 ng	97
63) Azobenzene	10.59	77	1330440	39.482 ng	99
65) 4,6-Dinitro-2-methylphenol	10.50	198	166123	37.004 ng	88
66) n-Nitrosodiphenylamine	10.54	169	1140435	40.219 ng	98
67) 4-Bromophenyl-phenylether	10.92	248	393516	38.254 ng	96
68) Hexachlorobenzene	10.99	284	421381	37.028 ng	96
69) Atrazine	11.07	200	351234	39.803 ng	98
70) Pentachlorophenol	11.19	266	359447	66.630 ng	98
71) Phenanthrene	11.40	178	1810641	39.834 ng	99
72) Anthracene	11.45	178	1892733	41.457 ng	99
73) Carbazole	11.61	167	1781492	40.920 ng	99
74) Di-n-butylphthalate	11.93	149	2110370	42.075 ng	99
75) Fluoranthene	12.59	202	1943142	39.698 ng	99
77) Benzidine	12.70	184	189634	7.138 ng	95
78) Pyrene	12.82	202	1950256	40.962 ng	100
80) Butylbenzylphthalate	13.43	149	895342	44.678 ng	99
81) Benzo(a)anthracene	14.02	228	1533777	40.067 ng	100
82) 3,3'-Dichlorobenzidine	13.97	252	265332	17.868 ng	99
83) Chrysene	14.06	228	1517272	40.433 ng	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	1181268	45.070 ng	100
85) Di-n-octyl phthalate	14.63	149	1859018	43.755 ng	99
86) Indeno(1,2,3-cd)pyrene	17.04	276	1722024	51.924 ng	99
88) Benzo(b)fluoranthene	15.10	252	1538795	37.546 ng	100
89) Benzo(k)fluoranthene	15.13	252	1449303	38.496 ng	100
90) Benzo(a)pyrene	15.47	252	1467296	40.680 ng	99
91) Dibenzo(a,h)anthracene	17.04	278	1407880	46.973 ng	99
92) Benzo(g,h,i)perylene	17.48	276	1514913	50.436 ng	99

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

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