Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051519\
Data File : BF114286.D
Acq On : 15 May 2019 15:41
Operator : JU/SJ
Sample : K2837-01MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SOIL-COMPMSD

Manual Integrations APPROVED
mohammad
5/16/2019 9:51:00 AM

Quant Time: May 16 07:47:13 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	225277	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	869667	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	406919	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	815356	20.00	ng		0.00
76) Chrysene-d12	14.02	240	566622	20.00	ng		0.00
87) Perylene-d12	15.50	264	545083	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1436391	102.61	ng		0.00
7) Phenol-d6	6.50	99	1894388	114.42	ng		0.00
23) Nitrobenzene-d5	7.41	82	1188966	76.72	ng		0.00
42) 2,4,6-Tribromophenol	10.68	330	454400	108.01	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	1762218	65.51	ng		0.00
79) Terphenyl-d14	12.95	244	1747200	63.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.64	88	231943	30.144	ng		98
3) Pyridine	3.40	79	603370	28.461	ng		98
4) n-Nitrosodimethylamine	3.35	42	334141	32.684	ng		92
6) Aniline	6.52	93	467775	19.559	ng	#	15
8) 2-Chlorophenol	6.65	128	588472	39.377	ng		92
9) Benzaldehyde	6.40	77	250381	21.601	ng		100
10) Phenol	6.51	94	719549	36.944	ng		89
11) bis(2-Chloroethyl)ether	6.58	93	586402	39.658	ng		99
12) 1,3-Dichlorobenzene	6.79	146	592150	35.299	ng		99
13) 1,4-Dichlorobenzene	6.87	146	598285	35.393	ng		96
14) 1,2-Dichlorobenzene	7.02	146	563107	36.462	ng		99
15) Benzyl Alcohol	6.99	79	501215	38.814	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1050870	36.653	ng		69
17) 2-Methylphenol	7.12	107	471241	38.386	ng	#	91
18) Hexachloroethane	7.36	117	224551	35.389	ng		95
19) n-Nitroso-di-n-propylamine	7.26	70	402882	38.390	ng		98
20) 3+4-Methylphenols	7.27	107	599526	42.269	ng	#	59
22) Acetophenone	7.26	105	781508	40.564	ng		91
24) Nitrobenzene	7.43	77	629006	39.853	ng		95
25) Isophorone	7.67	82	1140436	39.681	ng		98
26) 2-Nitrophenol	7.75	139	324457	42.371	ng		95
27) 2,4-Dimethylphenol	7.79	122	509878	42.395	ng		98
28) bis(2-Chloroethoxy)methane	7.87	93	732057	39.257	ng		99
29) 2,4-Dichlorophenol	8.00	162	475653	39.718	ng		98
30) 1,2,4-Trichlorobenzene	8.07	180	502057	36.867	ng		98
31) Naphthalene	8.15	128	1606125	39.537	ng		99
32) Benzoic acid	7.87	122	27243m	9.733	ng		
33) 4-Chloroaniline	8.20	127	218324	11.794	ng		97
34) Hexachlorobutadiene	8.27	225	272871	35.216	ng		98
35) Caprolactam	8.56	113	174069m	44.576	ng		
36) 4-Chloro-3-methylphenol	8.70	107	514362	42.669	ng		99
37) 2-Methylnaphthalene	8.85	142	1084967	41.395	ng		97
38) 1-Methylnaphthalene	8.95	142	1023859	41.481	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	481266	39.043	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	285391	51.334	ng		98
43) 2,4,6-Trichlorophenol	9.13	196	328832	38.784	ng		100
44) 2,4,5-Trichlorophenol	9.17	196	350106	40.265	ng		97
46) 1,1'-Biphenyl	9.30	154	1295864	39.420	ng		97
47) 2-Chloronaphthalene	9.33	162	996106	37.651	ng		98
48) 2-Nitroaniline	9.43	65	364923	38.893	ng		96
49) Acenaphthylene	9.75	152	1601678	39.805	ng		99
50) Dimethylphthalate	9.60	163	1463527	48.994	ng		100
51) 2,6-Dinitrotoluene	9.67	165	270807	40.873	ng		86
52) Acenaphthene	9.92	154	920327	37.272	ng		99
53) 3-Nitroaniline	9.84	138	199717	24.283	ng		95
54) 2,4-Dinitrophenol	9.96	184	86243	30.449	ng		95
55) Dibenzofuran	10.09	168	1388496	38.349	ng		98
56) 4-Nitrophenol	10.02	139	390315	67.107	ng		99
57) 2,4-Dinitrotoluene	10.08	165	350027	38.923	ng		93
58) Fluorene	10.43	166	1095811	39.182	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	290010	38.655	ng		98
60) Diethylphthalate	10.30	149	1161684	38.274	ng		99
61) 4-Chlorophenyl-phenylether	10.42	204	518556	37.752	ng		97
62) 4-Nitroaniline	10.46	138	321074	37.151	ng		98
63) Azobenzene	10.59	77	1149046	39.112	ng		97
65) 4,6-Dinitro-2-methylphenol	10.49	198	148935	38.014	ng		78
66) n-Nitrosodiphenylamine	10.55	169	984957	39.802	ng		99
67) 4-Bromophenyl-phenylether	10.91	248	332364	37.022	ng		97
68) Hexachlorobenzene	10.99	284	364245	36.676	ng	#	91
69) Atrazine	11.07	200	299796	38.930	ng		98
70) Pentachlorophenol	11.19	266	304560	64.691	ng		99
71) Phenanthrene	11.40	178	1564058	39.429	ng		99
72) Anthracene	11.45	178	1634801	41.031	ng		99
73) Carbazole	11.60	167	1578919	41.557	ng		99
74) Di-n-butylphthalate	11.93	149	1814305	41.449	ng		100
75) Fluoranthene	12.59	202	1726492	40.417	ng		98
77) Benzidine	12.70	184	619887	24.372	ng		96
78) Pyrene	12.82	202	1748081	38.350	ng		99
80) Butylbenzylphthalate	13.42	149	806552	42.039	ng		97
81) Benzo(a)anthracene	14.01	228	1426202	38.915	ng		100
82) 3,3'-Dichlorobenzidine	13.96	252	383036	26.942	ng	#	98
83) Chrysene	14.04	228	1394379	38.812	ng		99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1087183	43.327	ng		100
85) Di-n-octyl phthalate	14.61	149	1718900	42.258	ng		100
86) Indeno(1,2,3-cd)pyrene	16.99	276	1359118	42.806	ng		98
88) Benzo(b)fluoranthene	15.07	252	1298740	37.191	ng		99
89) Benzo(k)fluoranthene	15.10	252	1285907	40.086	ng		99
90) Benzo(a)pyrene	15.44	252	1255346	40.846	ng		99
91) Dibenzo(a,h)anthracene	17.00	278	1128995	44.208	ng		100
92) Benzo(g,h,i)perylene	17.44	276	1191901	46.571	ng		100

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

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