Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051519\
Data File : BF114297.D
Acq On : 15 May 2019 20:59
Operator : JU/SJ
Sample : K2851-01MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-COMPMSD

Manual Integrations APPROVED
mohammad
5/16/2019 9:51:12 AM

Quant Time: May 16 08:19:52 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	259686	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	1006998	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	487042	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	1000122	20.00	ng		0.00
76) Chrysene-d12	14.02	240	681096	20.00	ng		0.00
87) Perylene-d12	15.50	264	709862	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1859803	115.25	ng		0.02
7) Phenol-d6	6.50	99	2428152	127.22	ng		0.01
23) Nitrobenzene-d5	7.42	82	1534409	85.51	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	585475	116.28	ng		0.01
45) 2-Fluorobiphenyl	9.21	172	2150646	66.80	ng		0.00
79) Terphenyl-d14	12.96	244	2341903	70.88	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.67	88	306909	34.602	ng		99
3) Pyridine	3.43	79	852581	34.887	ng		95
4) n-Nitrosodimethylamine	3.38	42	452980	38.438	ng		97
6) Aniline	6.52	93	653939	23.719	ng	#	1
8) 2-Chlorophenol	6.65	128	763857	44.340	ng		98
9) Benzaldehyde	6.40	77	331259	24.792	ng		99
10) Phenol	6.52	94	951961	42.400	ng		90
11) bis(2-Chloroethyl)ether	6.59	93	765026	44.882	ng		99
12) 1,3-Dichlorobenzene	6.79	146	778675	40.268	ng		98
13) 1,4-Dichlorobenzene	6.87	146	788254	40.452	ng		98
14) 1,2-Dichlorobenzene	7.02	146	728779	40.937	ng		99
15) Benzyl Alcohol	7.00	79	654007	43.935	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1363532	41.257	ng		78
17) 2-Methylphenol	7.12	107	625313	44.188	ng	#	92
18) Hexachloroethane	7.36	117	293210	40.087	ng		99
19) n-Nitroso-di-n-propylamine	7.27	70	528848	43.716	ng		99
20) 3+4-Methylphenols	7.27	107	774527	47.371	ng	#	67
22) Acetophenone	7.26	105	1019417	45.697	ng	#	90
24) Nitrobenzene	7.43	77	838848	45.900	ng		99
25) Isophorone	7.67	82	1531868	46.032	ng		99
26) 2-Nitrophenol	7.75	139	436151	49.190	ng		98
27) 2,4-Dimethylphenol	7.79	122	700079	50.272	ng		98
28) bis(2-Chloroethoxy)methane	7.88	93	972314	45.031	ng		100
29) 2,4-Dichlorophenol	8.00	162	644202	46.456	ng		99
30) 1,2,4-Trichlorobenzene	8.07	180	669528	42.460	ng		98
31) Naphthalene	8.16	128	2198747	46.744	ng		99
32) Benzoic acid	7.90	122	109127	16.403	ng		100
33) 4-Chloroaniline	8.20	127	241492	11.266	ng		98
34) Hexachlorobutadiene	8.27	225	360712	40.204	ng		99
35) Caprolactam	8.58	113	264719m	58.545	ng		
36) 4-Chloro-3-methylphenol	8.70	107	705986	50.579	ng		99
37) 2-Methylnaphthalene	8.85	142	1460499	48.124	ng		97
38) 1-Methylnaphthalene	8.95	142	1368173	47.871	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	636230	43.124	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	388226	57.753	ng		98
43) 2,4,6-Trichlorophenol	9.13	196	454472	44.785	ng		99
44) 2,4,5-Trichlorophenol	9.18	196	477990	45.929	ng		99
46) 1,1'-Biphenyl	9.31	154	1724524	43.829	ng		99
47) 2-Chloronaphthalene	9.33	162	1320667	41.707	ng		100
48) 2-Nitroaniline	9.43	65	503181	44.806	ng		97
49) Acenaphthylene	9.75	152	2109303	43.797	ng		99
50) Dimethylphthalate	9.61	163	2028249	56.729	ng		100
51) 2,6-Dinitrotoluene	9.67	165	375848	47.395	ng		98
52) Acenaphthene	9.92	154	1247316	42.205	ng		99
53) 3-Nitroaniline	9.85	138	277535	28.193	ng		97
54) 2,4-Dinitrophenol	9.96	184	167133	45.125	ng		93
55) Dibenzofuran	10.10	168	1814480	41.870	ng		97
56) 4-Nitrophenol	10.03	139	551256	79.186	ng		99
57) 2,4-Dinitrotoluene	10.09	165	468329	43.511	ng	#	88
58) Fluorene	10.44	166	1477082	44.127	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	403126	44.893	ng		99
60) Diethylphthalate	10.31	149	1597178	43.966	ng		100
61) 4-Chlorophenyl-phenylether	10.43	204	700485	42.607	ng		99
62) 4-Nitroaniline	10.47	138	437360	42.281	ng		97
63) Azobenzene	10.59	77	1559191	44.341	ng		99
65) 4,6-Dinitro-2-methylphenol	10.50	198	194411	40.454	ng		87
66) n-Nitrosodiphenylamine	10.54	169	1346326	44.354	ng		100
67) 4-Bromophenyl-phenylether	10.92	248	459247	41.705	ng		97
68) Hexachlorobenzene	10.99	284	491104	40.314	ng		97
69) Atrazine	11.07	200	422435	44.721	ng		99
70) Pentachlorophenol	11.19	266	440766	76.326	ng		99
71) Phenanthrene	11.40	178	2267070	46.593	ng		100
72) Anthracene	11.46	178	2241899	45.873	ng		100
73) Carbazole	11.61	167	2153618	46.211	ng		100
74) Di-n-butylphthalate	11.93	149	2518400	46.905	ng		98
75) Fluoranthene	12.59	202	2542328	48.520	ng		97
77) Benzidine	12.70	184	1048141	34.283	ng		96
78) Pyrene	12.82	202	2565671	46.827	ng		100
80) Butylbenzylphthalate	13.43	149	1182494	51.275	ng		99
81) Benzo(a)anthracene	14.01	228	2070591	47.002	ng		99
82) 3,3'-Dichlorobenzidine	13.97	252	466385	27.291	ng		99
83) Chrysene	14.05	228	1996473	46.231	ng		99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1612614	53.465	ng		100
85) Di-n-octyl phthalate	14.61	149	2656452	54.330	ng		100
86) Indeno(1,2,3-cd)pyrene	17.00	276	2044679	53.574	ng		99
88) Benzo(b)fluoranthene	15.07	252	2014254	44.291	ng		99
89) Benzo(k)fluoranthene	15.10	252	1780199	42.613	ng		99
90) Benzo(a)pyrene	15.44	252	1824366	45.582	ng		99
91) Dibenzo(a,h)anthracene	17.01	278	1667365	50.134	ng		98
92) Benzo(g,h,i)perylene	17.44	276	1768186	53.051	ng		99

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

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