Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022019\
Data File : BM018890.D
Acq On : 20 Feb 2019 19:05
Operator : JU/SJ
Sample : K1527-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SOIL-PILEMSD

Manual Integrations APPROVED
Sohil
2/21/2019 10:09:01 AM

Quant Time: Feb 21 01:24:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 11 16:02:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	312401	20.00	ng	-0.02
21) Naphthalene-d8	10.49	136	1318320	20.00	ng	-0.02
39) Acenaphthene-d10	14.35	164	757441	20.00	ng	-0.01
64) Phenanthrene-d10	17.10	188	1683105	20.00	ng	-0.01
76) Chrysene-d12	21.30	240	1617315	20.00	ng	-0.01
87) Perylene-d12	23.55	264	1365469	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	2902913	152.25	ng	-0.01
7) Phenol-d6	6.89	99	4172398	155.34	ng	0.00
23) Nitrobenzene-d5	8.87	82	2699137	94.67	ng	-0.02
42) 2,4,6-Tribromophenol	15.85	330	1649647	151.09	ng	-0.01
45) 2-Fluorobiphenyl	12.97	172	4766392	83.53	ng	-0.01
79) Terphenyl-d14	19.74	244	7159050	91.31	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	290510	34.983	ng	98
3) Pyridine	3.65	79	923642	40.776	ng	99
4) n-Nitrosodimethylamine	3.56	42	302142	52.432	ng	94
6) Aniline	7.05	93	1346532	40.915	ng	99
8) 2-Chlorophenol	7.27	128	1020446	48.747	ng	98
9) Benzaldehyde	6.86	77	515985	33.678	ng	99
10) Phenol	6.91	94	1456855	51.548	ng	98
11) bis(2-Chloroethyl)ether	7.14	93	978736	45.398	ng	100
12) 1,3-Dichlorobenzene	7.59	146	1019400	43.308	ng	98
13) 1,4-Dichlorobenzene	7.73	146	1047160	43.698	ng	99
14) 1,2-Dichlorobenzene	8.05	146	1019504	44.291	ng	99
15) Benzyl Alcohol	7.95	79	1020347	47.808	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.23	45	947826	45.425	ng	98
17) 2-Methylphenol	8.15	107	897773	49.910	ng	99
18) Hexachloroethane	8.76	117	391483	44.753	ng	96
19) n-Nitroso-di-n-propylamine	8.52	70	941029	45.248	ng	100
20) 3+4-Methylphenols	8.47	107	1219367	49.091	ng	99
22) Acetophenone	8.53	105	1560487	43.103	ng	100
24) Nitrobenzene	8.92	77	1348812	45.576	ng	100
25) Isophorone	9.43	82	2368430	52.062	ng	100
26) 2-Nitrophenol	9.62	139	552367	46.868	ng	99
27) 2,4-Dimethylphenol	9.67	122	928589	53.945	ng	98
28) bis(2-Chloroethoxy)methane	9.92	93	1371908	46.635	ng	99
29) 2,4-Dichlorophenol	10.14	162	968544	49.002	ng	100
30) 1,2,4-Trichlorobenzene	10.35	180	1006496	44.094	ng	98
31) Naphthalene	10.54	128	3087992	48.028	ng	99
32) Benzoic acid	9.80	122	240594	16.023	ng	96
33) 4-Chloroaniline	10.66	127	617465	21.484	ng	99
34) Hexachlorobutadiene	10.80	225	545456	41.169	ng	99
35) Caprolactam	11.49	113	322159m	39.938	ng	
36) 4-Chloro-3-methylphenol	11.79	107	1136553	47.693	ng	99
37) 2-Methylnaphthalene	12.16	142	2278073	50.324	ng	100
38) 1-Methylnaphthalene	12.38	142	2155382	48.691	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.52	216	1069155	44.126	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.49	237	1037246	83.730	ng	98
43) 2,4,6-Trichlorophenol	12.77	196	776778	48.427	ng	99
44) 2,4,5-Trichlorophenol	12.85	196	825398	49.095	ng	98
46) 1,1'-Biphenyl	13.18	154	2877671	44.137	ng	99
47) 2-Chloronaphthalene	13.22	162	2255184	44.782	ng	99
48) 2-Nitroaniline	13.45	65	807177	48.261	ng	98
49) Acenaphthylene	14.07	152	3677735	49.046	ng	99
50) Dimethylphthalate	13.82	163	3124728	49.501	ng	100
51) 2,6-Dinitrotoluene	13.95	165	639056	46.734	ng	95
52) Acenaphthene	14.42	154	2106708	45.819	ng	100
53) 3-Nitroaniline	14.28	138	448021	28.997	ng	98
54) 2,4-Dinitrophenol	14.49	184	487526	57.903	ng	99
55) Dibenzofuran	14.75	168	3453332	45.695	ng	99
56) 4-Nitrophenol	14.60	139	1082065	87.732	ng	99
57) 2,4-Dinitrotoluene	14.74	165	905801	48.077	ng	98
58) Fluorene	15.40	166	2798280	48.400	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.98	232	742256	49.948	ng	99
60) Diethylphthalate	15.19	149	2962248	45.492	ng	99
61) 4-Chlorophenyl-phenylether	15.40	204	1397907	43.124	ng	98
62) 4-Nitroaniline	15.46	138	626592	41.367	ng	98
63) Azobenzene	15.69	77	3208795	45.959	ng	99
65) 4,6-Dinitro-2-methylphenol	15.50	198	402576	34.067	ng	97
66) n-Nitrosodiphenylamine	15.62	169	2431244	45.721	ng	99
67) 4-Bromophenyl-phenylether	16.30	248	835541	44.351	ng	97
68) Hexachlorobenzene	16.40	284	966740	44.147	ng	99
69) Atrazine	16.58	200	796364	46.453	ng	99
70) Pentachlorophenol	16.75	266	1265102	89.726	ng	99
71) Phenanthrene	17.14	178	4401440	48.660	ng	100
72) Anthracene	17.24	178	4478841	50.873	ng	99
73) Carbazole	17.52	167	4067680	44.223	ng	99
74) Di-n-butylphthalate	18.07	149	5209823	49.249	ng	100
75) Fluoranthene	19.17	202	5136755	49.163	ng	99
77) Benzidine	19.37	184	2729874	74.947	ng	100
78) Pyrene	19.53	202	5192289	55.277	ng	99
80) Butylbenzylphthalate	20.43	149	2516197	58.778	ng	97
81) Benzo(a)anthracene	21.28	228	4691597	49.764	ng	100
82) 3,3'-Dichlorobenzidine	21.22	252	1463717	39.284	ng	99
83) Chrysene	21.34	228	4355532	48.201	ng	100
84) Bis(2-ethylhexyl)phthalate	21.20	149	3641732	58.124	ng	100
85) Di-n-octyl phthalate	22.09	149	5969642	56.689	ng	99
86) Indeno(1,2,3-cd)pyrene	25.84	276	4134584	39.631	ng	100
88) Benzo(b)fluoranthene	22.87	252	4044456	51.770	ng	99
89) Benzo(k)fluoranthene	22.91	252	4030630	51.823	ng	99
90) Benzo(a)pyrene	23.46	252	3764242	50.862	ng	99
91) Dibenzo(a,h)anthracene	25.84	278	3532369	48.175	ng	99
92) Benzo(g,h,i)perylene	26.54	276	3315527	48.571	ng	99

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

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