Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062119\
Data File : BM021076.D
Acq On : 21 Jun 2019 09:17
Operator : HP/JU
Sample : K2241-03
Misc : LOD-S-8PPM
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019

Manual Integrations APPROVED
mohammad
6/25/2019 3:22:51 PM

Quant Time: Jun 22 00:00:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM062019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 20 15:39:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	213535	20.00	ng		0.00
21) Naphthalene-d8	10.57	136	924438	20.00	ng		0.00
39) Acenaphthene-d10	14.42	164	637050	20.00	ng		0.00
64) Phenanthrene-d10	17.17	188	1603189	20.00	ng		0.00
76) Chrysene-d12	21.35	240	1720146	20.00	ng		0.00
87) Perylene-d12	23.62	264	1799615	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	1388829	117.77	ng		0.00
7) Phenol-d6	6.95	99	1998062	116.35	ng		0.00
23) Nitrobenzene-d5	8.94	82	1438849	81.12	ng		0.00
42) 2,4,6-Tribromophenol	15.92	330	1659933	138.86	ng		0.00
45) 2-Fluorobiphenyl	13.04	172	4504087	86.89	ng		0.00
79) Terphenyl-d14	19.79	244	8634700	93.76	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	36389	8.190	ng		96
3) Pyridine	3.73	79	91770	7.183	ng		99
4) n-Nitrosodimethylamine	3.64	42	34724	7.058	ng	#	89
6) Aniline	7.12	93	158960	6.950	ng		99
8) 2-Chlorophenol	7.34	128	107915	7.435	ng		97
9) Benzaldehyde	6.93	77	102382	7.142	ng		98
10) Phenol	6.97	94	128005	7.296	ng		98
11) bis(2-Chloroethyl)ether	7.21	93	101809	7.330	ng		98
12) 1,3-Dichlorobenzene	7.66	146	127352	7.243	ng		97
13) 1,4-Dichlorobenzene	7.82	146	127271	7.119	ng		98
14) 1,2-Dichlorobenzene	8.13	146	126164	7.201	ng		99
15) Benzyl Alcohol	8.02	79	99807	7.178	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.31	45	137741	7.667	ng		98
17) 2-Methylphenol	8.22	107	88812	7.087	ng		98
18) Hexachloroethane	8.85	117	45831	7.140	ng		91
19) n-Nitroso-di-n-propylamine	8.58	70	95497	7.641	ng		98
20) 3+4-Methylphenols	8.54	107	118667	6.879	ng		96
22) Acetophenone	8.60	105	194952	8.276	ng	#	97
24) Nitrobenzene	8.98	77	144229	8.208	ng		98
25) Isophorone	9.50	82	259653	7.823	ng		99
26) 2-Nitrophenol	9.69	139	56839	6.606	ng		91
27) 2,4-Dimethylphenol	9.75	122	102212	8.145	ng		99
28) bis(2-Chloroethoxy)methane	9.99	93	158315	7.676	ng		98
29) 2,4-Dichlorophenol	10.22	162	112769	6.944	ng		99
30) 1,2,4-Trichlorobenzene	10.43	180	140153	7.321	ng		99
31) Naphthalene	10.62	128	384919	7.868	ng		98
32) Benzoic acid	9.83	122	62211m	6.128	ng		
33) 4-Chloroaniline	10.74	127	161377	7.266	ng		98
34) Hexachlorobutadiene	10.89	225	85698	7.090	ng		96
35) Caprolactam	11.53	113	35361	6.961	ng		89
36) 4-Chloro-3-methylphenol	11.85	107	124560	7.537	ng		100
37) 2-Methylnaphthalene	12.23	142	304194	8.081	ng		99
38) 1-Methylnaphthalene	12.45	142	290120	8.081	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.60	216	187030	7.757	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.57	237	92451	6.614 ng	98
43) 2,4,6-Trichlorophenol	12.85	196	104460	6.547 ng	93
44) 2,4,5-Trichlorophenol	12.92	196	114655	6.939 ng	99
46) 1,1'-Biphenyl	13.25	154	448223	8.221 ng	98
47) 2-Chloronaphthalene	13.29	162	325540	7.351 ng	97
48) 2-Nitroaniline	13.50	65	76168	6.287 ng	94
49) Acenaphthylene	14.14	152	518369	7.692 ng	99
50) Dimethylphthalate	13.88	163	441718	7.799 ng	99
51) 2,6-Dinitrotoluene	14.00	165	89548	7.349 ng	99
52) Acenaphthene	14.48	154	312350	7.682 ng	100
53) 3-Nitroaniline	14.33	138	80467	6.478 ng	93
54) 2,4-Dinitrophenol	14.54	184	34841	5.323 ng	96
55) Dibenzofuran	14.82	168	524173	7.903 ng	97
56) 4-Nitrophenol	14.64	139	64923	6.835 ng	97
57) 2,4-Dinitrotoluene	14.79	165	118253	7.028 ng	97
58) Fluorene	15.47	166	425137	7.845 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.04	232	117864	7.466 ng	97
60) Diethylphthalate	15.24	149	440201	7.891 ng	99
61) 4-Chlorophenyl-phenylether	15.46	204	232488	7.594 ng	96
62) 4-Nitroaniline	15.50	138	88130	6.759 ng	93
63) Azobenzene	15.76	77	366885	8.018 ng	96
65) 4,6-Dinitro-2-methylphenol	15.55	198	52024	5.263 ng	95
66) n-Nitrosodiphenylamine	15.68	169	374942	7.420 ng	98
67) 4-Bromophenyl-phenylether	16.36	248	148150	6.942 ng	96
68) Hexachlorobenzene	16.46	284	179128	7.026 ng	94
69) Atrazine	16.63	200	127664	7.769 ng	99
70) Pentachlorophenol	16.82	266	85430	6.219 ng	98
71) Phenanthrene	17.21	178	723303	7.828 ng	99
72) Anthracene	17.30	178	710862	7.767 ng	99
73) Carbazole	17.57	167	630078	7.786 ng	99
74) Di-n-butylphthalate	18.13	149	723946	7.308 ng	99
75) Fluoranthene	19.22	202	876610	8.216 ng	99
77) Benzidine	19.42	184	310194	6.210 ng	99
78) Pyrene	19.59	202	895934	7.182 ng	99
80) Butylbenzylphthalate	20.49	149	328379	6.604 ng	96
81) Benzo(a)anthracene	21.33	228	882149	7.523 ng	99
82) 3,3'-Dichlorobenzidine	21.27	252	325051	7.319 ng	97
83) Chrysene	21.39	228	889976	7.967 ng	100
84) Bis(2-ethylhexyl)phthalate	21.26	149	481956	6.810 ng	97
85) Di-n-octyl phthalate	22.14	149	806119	7.243 ng	99
86) Indeno(1,2,3-cd)pyrene	25.92	276	895232	7.243 ng	99
88) Benzo(b)fluoranthene	22.93	252	894178	7.365 ng	99
89) Benzo(k)fluoranthene	22.98	252	905723	7.718 ng	100
90) Benzo(a)pyrene	23.52	252	832635	7.601 ng	99
91) Dibenzo(a,h)anthracene	25.93	278	758287	6.943 ng	98
92) Benzo(g,h,i)perylene	26.62	276	724385	7.112 ng	99

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

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