Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062219\
Data File : BM021091.D
Acq On : 22 Jun 2019 08:58
Operator : HP/JU
Sample : K2241-03
Misc : MDL-SOIL-8PPM
ALS Vial : 3 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
6/26/2019 1:57:27 PM

Quant Time: Jun 24 05:49:20 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	262647	20.00	ng		0.00
21) Naphthalene-d8	10.57	136	1062427	20.00	ng		0.00
39) Acenaphthene-d10	14.42	164	687199	20.00	ng		0.00
64) Phenanthrene-d10	17.16	188	1533191	20.00	ng		0.00
76) Chrysene-d12	21.34	240	1224664	20.00	ng		0.00
87) Perylene-d12	23.62	264	1280023	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	1741134	120.04	ng		0.00
7) Phenol-d6	6.95	99	2396676	113.46	ng		0.00
23) Nitrobenzene-d5	8.95	82	1660705	81.46	ng		0.00
42) 2,4,6-Tribromophenol	15.92	330	1647283	127.75	ng		0.00
45) 2-Fluorobiphenyl	13.04	172	4969210	88.87	ng		0.00
79) Terphenyl-d14	19.79	244	6775173	103.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	45287	8.287	ng		96
3) Pyridine	3.73	79	108614	6.912	ng		98
4) n-Nitrosodimethylamine	3.64	42	41534	6.864	ng	#	91
6) Aniline	7.12	93	189109	6.722	ng		99
8) 2-Chlorophenol	7.35	128	131996	7.394	ng		96
9) Benzaldehyde	6.93	77	123305	6.895	ng		99
10) Phenol	6.98	94	155501	7.206	ng		95
11) bis(2-Chloroethyl)ether	7.22	93	121175	7.093	ng		99
12) 1,3-Dichlorobenzene	7.67	146	153440	7.095	ng		99
13) 1,4-Dichlorobenzene	7.82	146	157777	7.175	ng		98
14) 1,2-Dichlorobenzene	8.13	146	152107	7.059	ng		98
15) Benzyl Alcohol	8.02	79	116296	6.800	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.31	45	157406	7.123	ng		99
17) 2-Methylphenol	8.22	107	106582	6.915	ng		98
18) Hexachloroethane	8.85	117	54538	6.908	ng		92
19) n-Nitroso-di-n-propylamine	8.59	70	109098	7.097	ng		98
20) 3+4-Methylphenols	8.55	107	142081	6.696	ng		99
22) Acetophenone	8.60	105	228081	8.424	ng	#	98
24) Nitrobenzene	8.98	77	163245	8.084	ng		97
25) Isophorone	9.50	82	293228	7.688	ng		100
26) 2-Nitrophenol	9.69	139	68617	6.940	ng		98
27) 2,4-Dimethylphenol	9.75	122	120579	8.361	ng		99
28) bis(2-Chloroethoxy)methane	9.99	93	180044	7.596	ng		99
29) 2,4-Dichlorophenol	10.22	162	133469	7.151	ng		97
30) 1,2,4-Trichlorobenzene	10.43	180	163394	7.426	ng		100
31) Naphthalene	10.62	128	444072	7.898	ng		99
32) Benzoic acid	9.83	122	66926m	5.736	ng		
33) 4-Chloroaniline	10.74	127	181828	7.124	ng		99
34) Hexachlorobutadiene	10.89	225	99307	7.148	ng		99
35) Caprolactam	11.53	113	36270	6.213	ng		94
36) 4-Chloro-3-methylphenol	11.86	107	137921	7.262	ng		96
37) 2-Methylnaphthalene	12.23	142	342943	7.927	ng		100
38) 1-Methylnaphthalene	12.45	142	331038	8.023	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.60	216	209298	8.047	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.57	237	91088	6.041	ng		96
43) 2,4,6-Trichlorophenol	12.85	196	118752	6.900	ng		97
44) 2,4,5-Trichlorophenol	12.92	196	127396	7.148	ng		98
46) 1,1'-Biphenyl	13.25	154	500821	8.515	ng		97
47) 2-Chloronaphthalene	13.29	162	364246	7.625	ng		99
48) 2-Nitroaniline	13.50	65	80922	6.192	ng		94
49) Acenaphthylene	14.14	152	568647	7.822	ng		100
50) Dimethylphthalate	13.88	163	457969	7.496	ng		99
51) 2,6-Dinitrotoluene	14.00	165	93876	7.142	ng		99
52) Acenaphthene	14.48	154	336300	7.668	ng		100
53) 3-Nitroaniline	14.33	138	83251	6.213	ng		98
54) 2,4-Dinitrophenol	14.55	184	27941	3.957	ng		96
55) Dibenzofuran	14.82	168	569390	7.958	ng		98
56) 4-Nitrophenol	14.65	139	57692	5.630	ng		99
57) 2,4-Dinitrotoluene	14.79	165	117815	6.491	ng		98
58) Fluorene	15.47	166	436583	7.468	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.05	232	120529	7.078	ng		99
60) Diethylphthalate	15.25	149	437289	7.267	ng		99
61) 4-Chlorophenyl-phenylether	15.46	204	243611	7.376	ng		95
62) 4-Nitroaniline	15.50	138	80453	5.720	ng		95
63) Azobenzene	15.76	77	371816	7.533	ng		98
65) 4,6-Dinitro-2-methylphenol	15.55	198	45722	4.837	ng		97
66) n-Nitrosodiphenylamine	15.68	169	382276	7.910	ng		99
67) 4-Bromophenyl-phenylether	16.36	248	150943	7.395	ng		98
68) Hexachlorobenzene	16.46	284	181763	7.455	ng		99
69) Atrazine	16.63	200	115813	7.370	ng		100
70) Pentachlorophenol	16.82	266	77274	5.882	ng		97
71) Phenanthrene	17.21	178	695880	7.875	ng		99
72) Anthracene	17.30	178	677878	7.745	ng		99
73) Carbazole	17.57	167	567348	7.331	ng		98
74) Di-n-butylphthalate	18.13	149	604409	6.380	ng		99
75) Fluoranthene	19.22	202	723168	7.087	ng		99
77) Benzidine	19.42	184	197489	5.553	ng		99
78) Pyrene	19.59	202	744286	8.380	ng		99
80) Butylbenzylphthalate	20.49	149	227850	6.436	ng		97
81) Benzo(a)anthracene	21.33	228	644329	7.718	ng		99
82) 3,3'-Dichlorobenzidine	21.27	252	215652	6.820	ng		99
83) Chrysene	21.39	228	635739	7.994	ng		99
84) Bis(2-ethylhexyl)phthalate	21.26	149	315926	6.270	ng	#	97
85) Di-n-octyl phthalate	22.15	149	509445	6.429	ng		100
86) Indeno(1,2,3-cd)pyrene	25.92	276	718182	8.161	ng		99
88) Benzo(b)fluoranthene	22.93	252	627727	7.269	ng		99
89) Benzo(k)fluoranthene	22.98	252	638105	7.644	ng		99
90) Benzo(a)pyrene	23.52	252	599358	7.692	ng		99
91) Dibenzo(a,h)anthracene	25.93	278	597749	7.694	ng		99
92) Benzo(g,h,i)perylene	26.62	276	593472	8.192	ng		99

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

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