Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062019\
Data File : BM021069.D
Acq On : 21 Jun 2019 00:58
Operator : HP/JU
Sample : K2241-03
Misc : LOD-S-8PPM
ALS Vial : 5 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
6/21/2019 10:02:10 PM

Quant Time: Jun 21 04:36:32 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	206931	20.00	ng		0.00
21) Naphthalene-d8	10.57	136	926856	20.00	ng		0.00
39) Acenaphthene-d10	14.42	164	643266	20.00	ng		0.00
64) Phenanthrene-d10	17.17	188	1642168	20.00	ng		0.00
76) Chrysene-d12	21.35	240	1852406	20.00	ng		0.00
87) Perylene-d12	23.63	264	2138844	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	378009	33.08	ng		0.00
7) Phenol-d6	6.95	99	544668	32.73	ng		0.00
23) Nitrobenzene-d5	8.94	82	350510	19.71	ng		0.00
42) 2,4,6-Tribromophenol	15.92	330	391440	32.43	ng		0.00
45) 2-Fluorobiphenyl	13.04	172	1068041	20.41	ng		0.00
79) Terphenyl-d14	19.79	244	2078472	20.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	37507	8.711	ng		97
3) Pyridine	3.73	79	88102	7.116	ng		96
4) n-Nitrosodimethylamine	3.64	42	35170	7.377	ng	#	81
6) Aniline	7.12	93	156185	7.046	ng		100
8) 2-Chlorophenol	7.35	128	105667	7.513	ng		98
9) Benzaldehyde	6.93	77	102161	7.495	ng		94
10) Phenol	6.97	94	125328	7.371	ng		98
11) bis(2-Chloroethyl)ether	7.22	93	100586	7.473	ng		98
12) 1,3-Dichlorobenzene	7.67	146	123901	7.271	ng		98
13) 1,4-Dichlorobenzene	7.82	146	127761	7.375	ng		99
14) 1,2-Dichlorobenzene	8.13	146	125782	7.409	ng		96
15) Benzyl Alcohol	8.03	79	97172	7.211	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.30	45	137580	7.902	ng		98
17) 2-Methylphenol	8.22	107	86571	7.128	ng		98
18) Hexachloroethane	8.85	117	43461	6.987	ng		97
19) n-Nitroso-di-n-propylamine	8.59	70	95390	7.876	ng		97
20) 3+4-Methylphenols	8.55	107	120329	7.198	ng		98
22) Acetophenone	8.60	105	195345	8.271	ng		98
24) Nitrobenzene	8.99	77	133474	7.577	ng		99
25) Isophorone	9.50	82	252985	7.603	ng		99
26) 2-Nitrophenol	9.69	139	54909	6.365	ng		97
27) 2,4-Dimethylphenol	9.75	122	100251	7.968	ng		97
28) bis(2-Chloroethoxy)methane	9.99	93	158883	7.684	ng		99
29) 2,4-Dichlorophenol	10.22	162	112078	6.883	ng		99
30) 1,2,4-Trichlorobenzene	10.43	180	138778	7.230	ng		96
31) Naphthalene	10.62	128	380651	7.761	ng		98
32) Benzoic acid	9.83	122	68769m	6.757	ng		
33) 4-Chloroaniline	10.74	127	160135	7.192	ng		98
34) Hexachlorobutadiene	10.89	225	83117	6.858	ng		99
35) Caprolactam	11.53	113	36852	7.236	ng		96
36) 4-Chloro-3-methylphenol	11.86	107	125916	7.599	ng		98
37) 2-Methylnaphthalene	12.23	142	303409	8.039	ng		99
38) 1-Methylnaphthalene	12.45	142	291964	8.111	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.60	216	182575	7.499	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.57	237	91987	6.517 ng	99
43) 2,4,6-Trichlorophenol	12.84	196	104899	6.511 ng	99
44) 2,4,5-Trichlorophenol	12.92	196	118018	7.074 ng	99
46) 1,1'-Biphenyl	13.25	154	441707	8.023 ng	99
47) 2-Chloronaphthalene	13.29	162	326302	7.297 ng	99
48) 2-Nitroaniline	13.51	65	76626	6.264 ng	97
49) Acenaphthylene	14.14	152	522037	7.672 ng	99
50) Dimethylphthalate	13.88	163	438266	7.663 ng	100
51) 2,6-Dinitrotoluene	14.00	165	90197	7.331 ng	92
52) Acenaphthene	14.49	154	310502	7.563 ng	97
53) 3-Nitroaniline	14.34	138	83861	6.686 ng	96
54) 2,4-Dinitrophenol	14.54	184	37887	5.732 ng	94
55) Dibenzofuran	14.82	168	528519	7.891 ng	99
56) 4-Nitrophenol	14.64	139	69111	7.205 ng	90
57) 2,4-Dinitrotoluene	14.79	165	120492	7.092 ng	94
58) Fluorene	15.47	166	427208	7.807 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.04	232	120059	7.531 ng	96
60) Diethylphthalate	15.24	149	441034	7.830 ng	98
61) 4-Chlorophenyl-phenylether	15.47	204	233180	7.543 ng	96
62) 4-Nitroaniline	15.50	138	90074	6.842 ng	96
63) Azobenzene	15.76	77	361847	7.831 ng	96
65) 4,6-Dinitro-2-methylphenol	15.56	198	55870	5.518 ng	97
66) n-Nitrosodiphenylamine	15.68	169	381485	7.370 ng	98
67) 4-Bromophenyl-phenylether	16.36	248	148488	6.792 ng	96
68) Hexachlorobenzene	16.47	284	177936	6.813 ng	97
69) Atrazine	16.63	200	131457	7.810 ng	98
70) Pentachlorophenol	16.82	266	88934	6.320 ng	98
71) Phenanthrene	17.21	178	736572	7.783 ng	100
72) Anthracene	17.30	178	715384	7.631 ng	100
73) Carbazole	17.57	167	645324	7.785 ng	99
74) Di-n-butylphthalate	18.13	149	751209	7.403 ng	99
75) Fluoranthene	19.23	202	900345	8.238 ng	99
77) Benzidine	19.42	184	377503	7.018 ng	99
78) Pyrene	19.59	202	944690	7.032 ng	99
80) Butylbenzylphthalate	20.49	149	343342	6.412 ng	99
81) Benzo(a)anthracene	21.33	228	955515	7.567 ng	100
82) 3,3'-Dichlorobenzidine	21.27	252	361567	7.560 ng	98
83) Chrysene	21.39	228	948788	7.887 ng	100
84) Bis(2-ethylhexyl)phthalate	21.26	149	525927	6.901 ng	98
85) Di-n-octyl phthalate	22.15	149	885390	7.387 ng	99
86) Indeno(1,2,3-cd)pyrene	25.93	276	1156383	8.688 ng	99
88) Benzo(b)fluoranthene	22.94	252	1028636	7.129 ng	98
89) Benzo(k)fluoranthene	22.99	252	1023705	7.339 ng	100
90) Benzo(a)pyrene	23.53	252	979029	7.519 ng	99
91) Dibenzo(a,h)anthracene	25.94	278	973214	7.497 ng	100
92) Benzo(g,h,i)perylene	26.63	276	943975	7.798 ng	99

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

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