Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061920\
Data File : BM026476.D
Acq On : 19 Jun 2020 21:30
Operator : JU/CG
Sample : L2182-01
Misc : LOD-MDL-S-8PPM
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : LOD-MDL-SOIL-01-QT2-2020

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6/22/2020 3:23:36 PM

Quant Time: Jun 20 05:27:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 20 04:14:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	99178	20.00	ng		0.00
21) Naphthalene-d8	10.15	136	456237	20.00	ng		0.00
39) Acenaphthene-d10	14.04	164	327340	20.00	ng		0.00
64) Phenanthrene-d10	16.80	188	741595	20.00	ng		0.00
76) Chrysene-d12	21.01	240	753179	20.00	ng		0.00
86) Perylene-d12	23.10	264	728021	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.02	112	897878	160.06	ng		0.00
7) Phenol-d6	6.59	99	1377505	169.58	ng		0.00
23) Nitrobenzene-d5	8.53	82	1057691	113.83	ng		0.00
42) 2,4,6-Tribromophenol	15.55	330	783209	197.52	ng		0.00
45) 2-Fluorobiphenyl	12.66	172	2438066	113.06	ng		0.00
79) Terphenyl-d14	19.46	244	4308080	111.03	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.00	88	19724	7.799	ng		97
3) Pyridine	3.40	79	44266	5.959	ng	#	91
4) n-Nitrosodimethylamine	3.32	42	30068	8.175	ng		91
6) Aniline	6.73	93	80885	7.592	ng		94
8) 2-Chlorophenol	6.96	128	49066	7.583	ng		97
9) Benzaldehyde	6.55	77	49638	9.584	ng		99
10) Phenol	6.62	94	64534	7.460	ng		84
11) bis(2-Chloroethyl)ether	6.83	93	52070	7.473	ng		97
12) 1,3-Dichlorobenzene	7.27	146	52739	7.362	ng		97
13) 1,4-Dichlorobenzene	7.42	146	54380	7.453	ng		98
14) 1,2-Dichlorobenzene	7.73	146	53669	7.530	ng		93
15) Benzyl Alcohol	7.64	79	49774	7.216	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.92	45	105876	8.136	ng		97
17) 2-Methylphenol	7.85	107	43285	6.846	ng		99
18) Hexachloroethane	8.44	117	20353	7.365	ng		91
19) n-Nitroso-di-n-propylamine	8.20	70	53843	8.506	ng		94
20) 3+4-Methylphenols	8.17	107	59186	6.868	ng		98
22) Acetophenone	8.20	105	93213	7.945	ng		93
24) Nitrobenzene	8.57	77	78656	8.086	ng		97
25) Isophorone	9.10	82	138798	7.951	ng		99
26) 2-Nitrophenol	9.28	139	26422	6.864	ng	#	84
27) 2,4-Dimethylphenol	9.36	122	38525	6.339	ng		98
28) bis(2-Chloroethoxy)methane	9.59	93	78918	7.968	ng		98
29) 2,4-Dichlorophenol	9.82	162	46733	7.009	ng		96
30) 1,2,4-Trichlorobenzene	10.02	180	55007	7.523	ng		95
31) Naphthalene	10.19	128	176457	7.675	ng		99
32) Benzoic acid	9.46	122	13335m	2.953	ng		
33) 4-Chloroaniline	10.32	127	69466	6.927	ng		98
34) Hexachlorobutadiene	10.49	225	34880	7.556	ng		99
35) Caprolactam	11.10	113	18267	7.798	ng		98
36) 4-Chloro-3-methylphenol	11.46	107	62244	7.661	ng		98
37) 2-Methylnaphthalene	11.82	142	132918	8.113	ng		99
38) 1-Methylnaphthalene	12.05	142	129915	8.371	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.20	216	73374	7.874	ng		99

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Quant Time: Jun 20 05:27:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 20 04:14:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.18	237	36564	6.659	ng		98
43) 2,4,6-Trichlorophenol	12.46	196	42546	6.746	ng		96
44) 2,4,5-Trichlorophenol	12.54	196	47326	6.465	ng		98
46) 1,1'-Biphenyl	12.86	154	188695	8.222	ng		99
47) 2-Chloronaphthalene	12.90	162	135435	7.266	ng		98
48) 2-Nitroaniline	13.12	65	47250	6.396	ng		94
49) Acenaphthylene	13.76	152	221952	7.444	ng		99
50) Dimethylphthalate	13.52	163	184777	7.718	ng		99
51) 2,6-Dinitrotoluene	13.63	165	39381	7.496	ng		94
52) Acenaphthene	14.10	154	134335	7.505	ng		97
53) 3-Nitroaniline	13.97	138	33469	5.721	ng		97
54) 2,4-Dinitrophenol	14.19	184	12330	3.861	ng	#	88
55) Dibenzofuran	14.44	168	222734	7.723	ng		98
56) 4-Nitrophenol	14.30	139	48412	10.435	ng		93
57) 2,4-Dinitrotoluene	14.43	165	52746	7.221	ng	#	86
58) Fluorene	15.10	166	180150	7.691	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.69	232	47127	7.526	ng		98
60) Diethylphthalate	14.90	149	189875	7.786	ng		99
61) 4-Chlorophenyl-phenylether	15.10	204	93505	7.526	ng		98
62) 4-Nitroaniline	15.14	138	35592	5.705	ng		96
63) Azobenzene	15.40	77	207488	7.776	ng		98
65) 4,6-Dinitro-2-methylphenol	15.21	198	25399	5.632	ng		92
66) n-Nitrosodiphenylamine	15.33	169	159441	7.422	ng		99
67) 4-Bromophenyl-phenylether	16.00	248	57270	7.015	ng		98
68) Hexachlorobenzene	16.11	284	64400	7.560	ng		98
69) Atrazine	16.29	200	62580	9.750	ng		98
70) Pentachlorophenol	16.47	266	28899	5.633	ng		92
71) Phenanthrene	16.84	178	296673	7.682	ng		100
72) Anthracene	16.93	178	288931	7.496	ng		99
73) Carbazole	17.21	167	255071	6.979	ng		99
74) Di-n-butylphthalate	17.79	149	310090	7.194	ng		98
75) Fluoranthene	18.87	202	347315	7.844	ng		98
77) Benzidine	19.07	184	112502	7.191	ng		99
78) Pyrene	19.23	202	364574	7.326	ng		100
80) Butylbenzylphthalate	20.17	149	139412	6.928	ng		100
81) Benzo(a)anthracene	20.99	228	363610	8.043	ng		100
82) 3,3'-Dichlorobenzidine	20.94	252	130417	9.324	ng		98
83) Chrysene	21.04	228	352100	8.173	ng		99
84) Bis(2-ethylhexyl)phthalate	20.96	149	217181	7.569	ng		100
85) Di-n-octyl phthalate	21.80	149	346934	7.838	ng		96
87) Indeno(1,2,3-cd)pyrene	25.13	276	307252	7.296	ng		99
88) Benzo(b)fluoranthene	22.49	252	329235	7.518	ng		99
89) Benzo(k)fluoranthene	22.53	252	339877	7.988	ng		98
90) Benzo(a)pyrene	23.01	252	284923	7.325	ng		99
91) Dibenzo(a,h)anthracene	25.14	278	259758	7.388	ng		99
92) Benzo(g,h,i)perylene	25.75	276	251192	7.508	ng		99

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

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