Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041519\
Data File : BM019918.D
Acq On : 15 Apr 2019 17:58
Operator : JU/SJ
Sample : K1560-01
Misc : LOD 8PPM
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019

Manual Integrations APPROVED
Sohil
4/16/2019 5:25:44 PM

Quant Time: Apr 16 03:29:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM041519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 15 16:16:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	109813	20.00	ng		0.00
21) Naphthalene-d8	10.31	136	477585	20.00	ng		0.00
39) Acenaphthene-d10	14.20	164	294454	20.00	ng		0.00
64) Phenanthrene-d10	16.96	188	645915	20.00	ng		0.00
76) Chrysene-d12	21.18	240	626694	20.00	ng		0.00
87) Perylene-d12	23.37	264	592521	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.14	112	872137	128.71	ng		0.00
7) Phenol-d6	6.73	99	1237648	121.37	ng		0.00
23) Nitrobenzene-d5	8.70	82	929873	87.07	ng		0.00
42) 2,4,6-Tribromophenol	15.71	330	643609	135.79	ng		0.00
45) 2-Fluorobiphenyl	12.80	172	2058902	87.14	ng		0.00
79) Terphenyl-d14	19.61	244	3303173	92.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.12	88	22158	7.578	ng		99
3) Pyridine	3.56	79	53107	6.485	ng	#	93
4) n-Nitrosodimethylamine	3.48	42	14867	5.636	ng	#	91
6) Aniline	6.89	93	94663	7.187	ng		97
8) 2-Chlorophenol	7.10	128	62710	7.441	ng		96
9) Benzaldehyde	6.71	77	59450	7.748	ng		97
10) Phenol	6.75	94	81076	7.277	ng		89
11) bis(2-Chloroethyl)ether	6.99	93	57242	7.022	ng		96
12) 1,3-Dichlorobenzene	7.42	146	66416	7.507	ng		96
13) 1,4-Dichlorobenzene	7.57	146	67961	7.571	ng		99
14) 1,2-Dichlorobenzene	7.87	146	67148	7.544	ng		97
15) Benzyl Alcohol	7.80	79	75950m	8.193	ng		
16) 2,2'-oxybis(1-Chloropropan	8.06	45	59068	7.601	ng		96
17) 2-Methylphenol	7.99	107	52473	7.116	ng		98
18) Hexachloroethane	8.57	117	25223	7.229	ng		99
19) n-Nitroso-di-n-propylamine	8.35	70	61299	6.838	ng		96
20) 3+4-Methylphenols	8.33	107	63136	6.233	ng		98
22) Acetophenone	8.37	105	100812	7.750	ng	#	99
24) Nitrobenzene	8.75	77	86748	7.841	ng		96
25) Isophorone	9.26	82	160000	7.697	ng		99
26) 2-Nitrophenol	9.46	139	31482	6.678	ng		97
27) 2,4-Dimethylphenol	9.52	122	47931	7.191	ng		98
28) bis(2-Chloroethoxy)methane	9.76	93	86441	7.426	ng		98
29) 2,4-Dichlorophenol	10.01	162	50410	6.659	ng		97
30) 1,2,4-Trichlorobenzene	10.17	180	64145	7.872	ng		95
31) Naphthalene	10.36	128	206935	8.078	ng		98
32) Benzoic acid	9.66	122	22602	8.293	ng		95
33) 4-Chloroaniline	10.52	127	72823	6.901	ng		98
34) Hexachlorobutadiene	10.61	225	38011	7.910	ng		96
35) Caprolactam	11.35	113	19703m	6.876	ng		
36) 4-Chloro-3-methylphenol	11.65	107	68140	7.244	ng		96
37) 2-Methylnaphthalene	11.99	142	147514	7.910	ng		98
38) 1-Methylnaphthalene	12.21	142	148373	8.058	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.36	216	70397	7.750	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.32	237	3886	12.696	ng		99
43) 2,4,6-Trichlorophenol	12.63	196	44273	7.189	ng		99
44) 2,4,5-Trichlorophenol	12.72	196	42033	6.558	ng		94
46) 1,1'-Biphenyl	13.02	154	201730	7.910	ng		98
47) 2-Chloronaphthalene	13.06	162	151845	7.806	ng		99
48) 2-Nitroaniline	13.32	65	45817	6.534	ng		97
49) Acenaphthylene	13.92	152	256655	7.583	ng		99
50) Dimethylphthalate	13.67	163	204663	7.880	ng		99
51) 2,6-Dinitrotoluene	13.81	165	41721	7.264	ng		86
52) Acenaphthene	14.26	154	147948	7.883	ng		96
53) 3-Nitroaniline	14.16	138	36111	6.297	ng		97
54) 2,4-Dinitrophenol	14.41	184	8870	9.823	ng		89
55) Dibenzofuran	14.60	168	240093	7.823	ng		99
56) 4-Nitrophenol	14.53	139	13557	8.636	ng		95
57) 2,4-Dinitrotoluene	14.62	165	56748	6.874	ng	#	98
58) Fluorene	15.26	166	194227	7.469	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.84	232	42603	7.284	ng		99
60) Diethylphthalate	15.04	149	208327	7.712	ng		99
61) 4-Chlorophenyl-phenylether	15.25	204	94093	7.515	ng		92
62) 4-Nitroaniline	15.34	138	34050m	6.026	ng		
63) Azobenzene	15.55	77	221676	7.678	ng		99
65) 4,6-Dinitro-2-methylphenol	15.40	198	21530	5.224	ng		94
66) n-Nitrosodiphenylamine	15.48	169	163475	7.742	ng		100
67) 4-Bromophenyl-phenylether	16.15	248	56910	7.663	ng		94
68) Hexachlorobenzene	16.26	284	67898	7.620	ng		98
69) Atrazine	16.44	200	57005	7.952	ng		96
70) Pentachlorophenol	16.63	266	26118	5.737	ng		89
71) Phenanthrene	17.00	178	302070	7.881	ng		99
72) Anthracene	17.10	178	285278	7.477	ng		99
73) Carbazole	17.39	167	257457	7.227	ng		98
74) Di-n-butylphthalate	17.93	149	326262	6.974	ng		99
75) Fluoranthene	19.04	202	328149	7.439	ng		99
77) Benzidine	19.26	184	103295	5.974	ng		99
78) Pyrene	19.40	202	341407	8.226	ng		99
80) Butylbenzylphthalate	20.31	149	143131	7.114	ng		98
81) Benzo(a)anthracene	21.16	228	312491	7.871	ng		99
82) 3,3'-Dichlorobenzidine	21.11	252	111565	7.553	ng		99
83) Chrysene	21.22	228	303574	7.974	ng		100
84) Bis(2-ethylhexyl)phthalate	21.07	149	203148	6.782	ng		100
85) Di-n-octyl phthalate	21.94	149	334758	6.887	ng		99
86) Indeno(1,2,3-cd)pyrene	25.59	276	318063	8.492	ng		99
88) Benzo(b)fluoranthene	22.71	252	290668	7.388	ng		98
89) Benzo(k)fluoranthene	22.76	252	276727	7.471	ng		97
90) Benzo(a)pyrene	23.28	252	269104	7.719	ng		99
91) Dibenzo(a,h)anthracene	25.59	278	260434	7.749	ng		99
92) Benzo(g,h,i)perylene	26.27	276	250589	8.232	ng		98

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

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