Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP110719\
Data File : BP001003.D
Acq On : 07 Nov 2019 16:37
Operator : JU
Sample : K5111-02
Misc : LOQ-S-10PPM
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2019

Manual Integrations APPROVED
Sohil
11/8/2019 3:33:51 PM

Quant Time: Nov 07 18:32:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 07 11:57:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.37	152	225525	20.00	ng		0.00
21) Naphthalene-d8	10.40	136	858788	20.00	ng		0.00
39) Acenaphthene-d10	13.26	164	530830	20.00	ng		0.00
64) Phenanthrene-d10	15.66	188	1107502	20.00	ng		0.00
76) Chrysene-d12	19.30	240	991640	20.00	ng		0.00
87) Perylene-d12	21.08	264	1098180	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.29	112	1729664	139.60	ng		0.00
7) Phenol-d6	7.82	99	2183174	139.34	ng		0.00
23) Nitrobenzene-d5	9.25	82	1564937	100.80	ng		0.00
42) 2,4,6-Tribromophenol	14.56	330	922547	145.58	ng		0.00
45) 2-Fluorobiphenyl	12.19	172	3435725	97.48	ng		0.00
79) Terphenyl-d14	17.95	244	4687539	94.03	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.82	88	48947	9.086	ng		98
3) Pyridine	3.71	79	121320	8.518	ng		97
4) n-Nitrosodimethylamine	3.56	42	48215	9.713	ng		98
6) Aniline	7.85	93	229230	11.202	ng		98
8) 2-Chlorophenol	8.03	128	144809	11.021	ng		98
9) Benzaldehyde	7.67	77	126643	11.585	ng		97
10) Phenol	7.83	94	184719m	10.779	ng		
11) bis(2-Chloroethyl)ether	7.98	93	145044	10.872	ng		98
12) 1,3-Dichlorobenzene	8.28	146	176772	10.724	ng		98
13) 1,4-Dichlorobenzene	8.40	146	178238	10.735	ng		97
14) 1,2-Dichlorobenzene	8.63	146	166897	10.869	ng		99
15) Benzyl Alcohol	8.59	79	154072	12.904	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.83	45	143036	10.266	ng		99
17) 2-Methylphenol	8.78	107	123153	11.040	ng		99
18) Hexachloroethane	9.18	117	63068	10.341	ng		97
19) n-Nitroso-di-n-propylamine	9.03	70	106616	11.332	ng		98
20) 3+4-Methylphenols	9.02	107	160285	11.582	ng		95
22) Acetophenone	9.01	105	228989	10.325	ng	#	99
24) Nitrobenzene	9.28	77	165622	10.632	ng		98
25) Isophorone	9.67	82	302932	10.601	ng		99
26) 2-Nitrophenol	9.79	139	52267	8.978	ng		97
27) 2,4-Dimethylphenol	9.88	122	126707	11.623	ng		99
28) bis(2-Chloroethoxy)methane	10.03	93	190821	10.213	ng		99
29) 2,4-Dichlorophenol	10.17	162	133496	10.146	ng		98
30) 1,2,4-Trichlorobenzene	10.32	180	170604	10.554	ng		97
31) Naphthalene	10.43	128	468550	10.920	ng		100
32) Benzoic acid	9.97	122	29653m	5.025	ng		
33) 4-Chloroaniline	10.53	127	189681	10.309	ng		98
34) Hexachlorobutadiene	10.66	225	108826	10.190	ng		99
35) Caprolactam	11.05	113	41780	10.060	ng		94
36) 4-Chloro-3-methylphenol	11.32	107	142948	10.462	ng		97
37) 2-Methylnaphthalene	11.57	142	334264	11.130	ng		99
38) 1-Methylnaphthalene	11.72	142	319408	11.256	ng		99
40) 1,2,4,5-Tetrachlorobenzene	11.84	216	187901	10.631	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	11.84	237	99555	11.243 ng	99
43) 2,4,6-Trichlorophenol	12.03	196	98048	9.200 ng	97
44) 2,4,5-Trichlorophenol	12.07	196	112787	9.899 ng	97
46) 1,1'-Biphenyl	12.34	154	430260	10.840 ng	99
47) 2-Chloronaphthalene	12.36	162	331700	10.381 ng	98
48) 2-Nitroaniline	12.52	65	72195	8.632 ng	99
49) Acenaphthylene	13.03	152	531600	10.944 ng	99
50) Dimethylphthalate	12.85	163	413067	10.524 ng	100
51) 2,6-Dinitrotoluene	12.93	165	80050	9.777 ng	90
52) Acenaphthene	13.32	154	309201	10.643 ng	98
53) 3-Nitroaniline	13.19	138	78968	8.843 ng	99
54) 2,4-Dinitrophenol	13.36	184	12567	6.226 ng	93
55) Dibenzofuran	13.60	168	508047	11.195 ng	98
56) 4-Nitrophenol	13.47	139	53397	8.598 ng	96
57) 2,4-Dinitrotoluene	13.58	165	97838	9.513 ng	98
58) Fluorene	14.16	166	393048	10.883 ng	100
59) 2,3,4,6-Tetrachlorophenol	13.80	232	89415m	9.229 ng	
60) Diethylphthalate	14.02	149	407272	10.330 ng	99
61) 4-Chlorophenyl-phenylether	14.19	204	212971	11.153 ng	99
62) 4-Nitroaniline	12.52	138	81316	8.492 ng	99
63) Azobenzene	14.45	77	365784	10.600 ng	99
65) 4,6-Dinitro-2-methylphenol	14.25	198	23333	7.467 ng	94
66) n-Nitrosodiphenylamine	14.37	169	343643	10.792 ng	99
67) 4-Bromophenyl-phenylether	14.98	248	136309	10.455 ng	97
68) Hexachlorobenzene	15.06	284	157552	10.428 ng	98
69) Atrazine	15.26	200	107700	9.289 ng	99
70) Pentachlorophenol	15.37	266	51418	7.645 ng	97
71) Phenanthrene	15.69	178	622713	10.986 ng	99
72) Anthracene	15.77	178	618048	11.177 ng	99
73) Carbazole	16.02	167	546148	10.773 ng	99
74) Di-n-butylphthalate	16.57	149	601953	9.838 ng	99
75) Fluoranthene	17.40	202	706741	11.031 ng	99
77) Benzidine	17.59	184	319128	8.739 ng	96
78) Pyrene	17.70	202	733307	10.464 ng	99
80) Butylbenzylphthalate	18.59	149	222850	8.031 ng	99
81) Benzo(a)anthracene	19.29	228	688837	10.314 ng	100
82) 3,3'-Dichlorobenzidine	19.25	252	249549	10.248 ng	99
83) Chrysene	19.33	228	662118	11.292 ng	100
84) Bis(2-ethylhexyl)phthalate	19.34	149	341232	9.672 ng	99
85) Di-n-octyl phthalate	20.12	149	500270	7.876 ng	100
86) Indeno(1,2,3-cd)pyrene	22.74	276	734385	9.154 ng	99
88) Benzo(b)fluoranthene	20.59	252	680010	10.388 ng	99
89) Benzo(k)fluoranthene	20.62	252	659181	10.697 ng	99
90) Benzo(a)pyrene	21.00	252	595987	9.901 ng	99
91) Dibenzo(a,h)anthracene	22.77	278	634409	10.327 ng	100
92) Benzo(g,h,i)perylene	23.23	276	620324	10.028 ng	99

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

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