Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP110719\
Data File : BP000997.D
Acq On : 07 Nov 2019 11:08
Operator : JU
Sample : K5111-01
Misc : LOD-MDL-S-5PPM
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019

Manual Integrations APPROVED
Sohil
11/8/2019 3:33:44 PM

Quant Time: Nov 07 12:24:24 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	8.38	152	238988	20.00	ng		0.00
21) Naphthalene-d8	10.40	136	918185	20.00	ng		0.00
39) Acenaphthene-d10	13.26	164	556036	20.00	ng		0.00
64) Phenanthrene-d10	15.66	188	1141082	20.00	ng		0.00
76) Chrysene-d12	19.29	240	1031546	20.00	ng		0.00
87) Perylene-d12	21.07	264	1137464	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.30	112	1873867	142.72	ng		0.00
7) Phenol-d6	7.82	99	2365101	142.45	ng		0.00
23) Nitrobenzene-d5	9.25	82	1683453	101.42	ng		0.00
42) 2,4,6-Tribromophenol	14.56	330	946722	142.63	ng		0.00
45) 2-Fluorobiphenyl	12.18	172	3656164	99.03	ng		0.00
79) Terphenyl-d14	17.94	244	4842088	93.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.84	88	26422	4.628	ng		99
3) Pyridine	3.78	79	51391	3.405	ng		98
4) n-Nitrosodimethylamine	3.61	42	19575	3.721	ng	#	96
6) Aniline	7.86	93	117039	5.397	ng		99
8) 2-Chlorophenol	8.04	128	73605	5.286	ng		98
9) Benzaldehyde	7.68	77	63536	5.484	ng		99
10) Phenol	7.83	94	94678m	5.213	ng		
11) bis(2-Chloroethyl)ether	7.98	93	75435	5.336	ng		97
12) 1,3-Dichlorobenzene	8.28	146	89961	5.150	ng		98
13) 1,4-Dichlorobenzene	8.40	146	92444	5.254	ng		97
14) 1,2-Dichlorobenzene	8.64	146	84848	5.215	ng		98
15) Benzyl Alcohol	8.60	79	92148	7.283	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.83	45	74720	5.061	ng		96
17) 2-Methylphenol	8.78	107	61343	5.189	ng		99
18) Hexachloroethane	9.18	117	31907	4.937	ng		92
19) n-Nitroso-di-n-propylamine	9.03	70	52830	5.299	ng		99
20) 3+4-Methylphenols	9.02	107	80658	5.500	ng	#	81
22) Acetophenone	9.01	105	114535	4.830	ng	#	97
24) Nitrobenzene	9.28	77	88692	5.325	ng		99
25) Isophorone	9.67	82	147984	4.844	ng		98
26) 2-Nitrophenol	9.79	139	21418	3.441	ng		93
27) 2,4-Dimethylphenol	9.88	122	66516	5.707	ng		98
28) bis(2-Chloroethoxy)methane	10.03	93	96478	4.830	ng		99
29) 2,4-Dichlorophenol	10.18	162	63707	4.529	ng		97
30) 1,2,4-Trichlorobenzene	10.32	180	84466	4.887	ng		100
31) Naphthalene	10.43	128	242306	5.282	ng		99
32) Benzoic acid	9.96	122	4320	0.685	ng		92
33) 4-Chloroaniline	10.53	127	96200	4.890	ng		100
34) Hexachlorobutadiene	10.66	225	54879	4.806	ng		96
35) Caprolactam	11.04	113	18037	4.062	ng		91
36) 4-Chloro-3-methylphenol	11.32	107	67173	4.598	ng		99
37) 2-Methylnaphthalene	11.56	142	169192	5.269	ng		98
38) 1-Methylnaphthalene	11.72	142	159774	5.266	ng		100
40) 1,2,4,5-Tetrachlorobenzene	11.84	216	93926	5.073	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	11.84	237	48974	5.280	ng		100
43) 2,4,6-Trichlorophenol	12.03	196	43434	3.891	ng		99
44) 2,4,5-Trichlorophenol	12.07	196	50906	4.265	ng		96
46) 1,1'-Biphenyl	12.33	154	221904	5.337	ng		99
47) 2-Chloronaphthalene	12.36	162	167535	5.006	ng		98
48) 2-Nitroaniline	12.52	65	29773	3.398	ng		99
49) Acenaphthylene	13.03	152	262186	5.153	ng		99
50) Dimethylphthalate	12.85	163	203751	4.956	ng		100
51) 2,6-Dinitrotoluene	12.93	165	34236	3.992	ng		93
52) Acenaphthene	13.32	154	154790	5.086	ng		97
53) 3-Nitroaniline	13.19	138	34485	3.686	ng		90
54) 2,4-Dinitrophenol	13.36	184	3608m	1.707	ng		
55) Dibenzofuran	13.60	168	255694	5.379	ng		99
56) 4-Nitrophenol	13.46	139	21457	3.298	ng		94
57) 2,4-Dinitrotoluene	13.58	165	38319	3.557	ng	#	91
58) Fluorene	14.16	166	197189	5.212	ng		100
59) 2,3,4,6-Tetrachlorophenol	13.80	232	38927m	3.836	ng		
60) Diethylphthalate	14.02	149	192749	4.667	ng		99
61) 4-Chlorophenyl-phenylether	14.18	204	107901	5.394	ng		99
62) 4-Nitroaniline	12.52	138	32692	3.259	ng		98
63) Azobenzene	14.44	77	177845	4.920	ng		98
65) 4,6-Dinitro-2-methylphenol	14.25	198	7700	2.392	ng		98
66) n-Nitrosodiphenylamine	14.37	169	171923	5.240	ng		98
67) 4-Bromophenyl-phenylether	14.98	248	64064	4.769	ng		96
68) Hexachlorobenzene	15.06	284	77280	4.964	ng		96
69) Atrazine	15.25	200	49223	4.120	ng		99
70) Pentachlorophenol	15.37	266	19750	2.850	ng		98
71) Phenanthrene	15.69	178	311235	5.329	ng		99
72) Anthracene	15.77	178	300593	5.276	ng		99
73) Carbazole	16.01	167	266946	5.111	ng		98
74) Di-n-butylphthalate	16.57	149	259756	4.121	ng		99
75) Fluoranthene	17.40	202	332348	5.035	ng		98
77) Benzidine	17.59	184	131906	3.472	ng		98
78) Pyrene	17.70	202	360491	4.945	ng		99
80) Butylbenzylphthalate	18.59	149	87811	3.042	ng		99
81) Benzo(a)anthracene	19.28	228	334780	4.819	ng		98
82) 3,3'-Dichlorobenzidine	19.25	252	112372	4.436	ng		100
83) Chrysene	19.33	228	333506	5.468	ng		99
84) Bis(2-ethylhexyl)phthalate	19.34	149	149978	4.086	ng		100
85) Di-n-octyl phthalate	20.12	149	207854	3.146	ng		100
86) Indeno(1,2,3-cd)pyrene	22.73	276	338821	4.060	ng		98
88) Benzo(b)fluoranthene	20.58	252	326363	4.813	ng		98
89) Benzo(k)fluoranthene	20.62	252	321458	5.037	ng		98
90) Benzo(a)pyrene	21.00	252	277758	4.455	ng		98
91) Dibenzo(a,h)anthracene	22.76	278	291461	4.580	ng		100
92) Benzo(g,h,i)perylene	23.23	276	293672	4.583	ng		99

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

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