Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101319\
Data File : BP000678.D
Acq On : 12 Oct 2019 19:34
Operator : JU
Sample : K5324-01MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SOIL-PILEMS

Manual Integrations APPROVED
mohammad
10/16/2019 8:07:58 AM

Quant Time: Oct 14 05:37:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 01 18:03:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	252133	20.00	ng		-0.02
21) Naphthalene-d8	8.03	136	909139	20.00	ng		-0.02
39) Acenaphthene-d10	9.80	164	508062	20.00	ng		-0.02
64) Phenanthrene-d10	11.30	188	931063	20.00	ng		-0.01
76) Chrysene-d12	13.97	240	732794	20.00	ng		0.00
87) Perylene-d12	15.45	264	891327	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	1657130	105.65	ng		-0.02
7) Phenol-d6	6.40	99	2108707	111.56	ng		-0.01
23) Nitrobenzene-d5	7.31	82	1176595	79.04	ng		-0.02
42) 2,4,6-Tribromophenol	10.60	330	593652	109.65	ng		-0.01
45) 2-Fluorobiphenyl	9.12	172	2256167	71.85	ng		-0.02
79) Terphenyl-d14	12.90	244	2548812	70.42	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	218151	34.828	ng		99
3) Pyridine	3.21	79	557537	32.578	ng		99
4) n-Nitrosodimethylamine	3.15	42	182131	37.820	ng		98
6) Aniline	6.41	93	668246	29.101	ng	#	35
8) 2-Chlorophenol	6.54	128	617356	39.880	ng		99
9) Benzaldehyde	6.30	77	333081	33.831	ng		97
10) Phenol	6.41	94	797902	41.230	ng		88
11) bis(2-Chloroethyl)ether	6.49	93	583756	39.207	ng		98
12) 1,3-Dichlorobenzene	6.69	146	695423	37.059	ng		98
13) 1,4-Dichlorobenzene	6.77	146	708772	37.536	ng		98
14) 1,2-Dichlorobenzene	6.92	146	651412	37.365	ng		99
15) Benzyl Alcohol	6.89	79	483037	39.571	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.03	45	523448	38.114	ng		100
17) 2-Methylphenol	7.01	107	504154	39.407	ng		99
18) Hexachloroethane	7.26	117	243963	36.302	ng		100
19) n-Nitroso-di-n-propylamine	7.16	70	335976	38.563	ng		99
20) 3+4-Methylphenols	7.16	107	608513	40.649	ng	#	84
22) Acetophenone	7.16	105	820690	39.067	ng		98
24) Nitrobenzene	7.33	77	583121	40.617	ng		98
25) Isophorone	7.57	82	1085261	41.079	ng		97
26) 2-Nitrophenol	7.65	139	324138	42.933	ng		97
27) 2,4-Dimethylphenol	7.69	122	546513	47.223	ng		100
28) bis(2-Chloroethoxy)methane	7.78	93	722984	40.269	ng		99
29) 2,4-Dichlorophenol	7.90	162	544170	41.586	ng		99
30) 1,2,4-Trichlorobenzene	7.98	180	597637	38.888	ng		99
31) Naphthalene	8.06	128	1753621	41.301	ng		99
32) Benzoic acid	7.82	122	277294	37.946	ng		99
33) 4-Chloroaniline	8.10	127	395848	21.233	ng		99
34) Hexachlorobutadiene	8.18	225	348213	37.493	ng		98
35) Caprolactam	8.47	113	179128m	40.870	ng		
36) 4-Chloro-3-methylphenol	8.60	107	540199	42.149	ng		99
37) 2-Methylnaphthalene	8.75	142	1710238	60.001	ng		99
38) 1-Methylnaphthalene	8.85	142	1480314	54.964	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	599411	37.275	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.91	237	406339	64.666	ng	99
43) 2,4,6-Trichlorophenol	9.03	196	379460	38.333	ng	98
44) 2,4,5-Trichlorophenol	9.07	196	411616	40.273	ng	97
46) 1,1'-Biphenyl	9.22	154	1711107	44.619	ng	98
47) 2-Chloronaphthalene	9.24	162	1155825	38.976	ng	97
48) 2-Nitroaniline	9.34	65	276731	38.545	ng	92
49) Acenaphthylene	9.66	152	1821015	40.703	ng	99
50) Dimethylphthalate	9.52	163	1636636	46.360	ng	99
51) 2,6-Dinitrotoluene	9.59	165	311519	40.465	ng	96
52) Acenaphthene	9.84	154	2037624	75.080	ng	100
53) 3-Nitroaniline	9.75	138	207887	23.567	ng	93
54) 2,4-Dinitrophenol	9.87	184	197988	77.072	ng	95
55) Dibenzofuran	10.01	168	2819887	69.509	ng	98
56) 4-Nitrophenol	9.93	139	438280	77.823	ng	97
57) 2,4-Dinitrotoluene	9.99	165	405960	39.771	ng	96
58) Fluorene	10.36	166	2313965	80.030	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.13	232	348734	40.363	ng	96
60) Diethylphthalate	10.23	149	1276356	38.087	ng	99
61) 4-Chlorophenyl-phenylether	10.35	204	605430	38.939	ng	98
62) 4-Nitroaniline	10.37	138	321347	37.878	ng	99
63) Azobenzene	10.50	77	1069802	41.580	ng	94
65) 4,6-Dinitro-2-methylphenol	10.41	198	169115	40.974	ng	91
66) n-Nitrosodiphenylamine	10.46	169	1125704	41.512	ng	99
67) 4-Bromophenyl-phenylether	10.84	248	408891	39.014	ng	97
68) Hexachlorobenzene	10.91	284	434389	36.472	ng	96
69) Atrazine	11.00	200	354109	39.792	ng	98
70) Pentachlorophenol	11.11	266	391572	81.857	ng	98
71) Phenanthrene	11.33	178	5399979	115.482	ng	95
72) Anthracene	11.38	178	2316490	49.963	ng	99
73) Carbazole	11.53	167	1910887	44.461	ng	98
74) Di-n-butylphthalate	11.87	149	2030304	38.779	ng	99
75) Fluoranthene	12.53	202	4784329	91.100	ng	98
77) Benzidine	12.65	184	1362079	64.189	ng	98
78) Pyrene	12.76	202	3969346	78.538	ng	97
80) Butylbenzylphthalate	13.39	149	907954	41.227	ng	99
81) Benzo(a)anthracene	13.96	228	2328431	52.078	ng	96
82) 3,3'-Dichlorobenzidine	13.92	252	383202	21.577	ng	97
83) Chrysene	14.00	228	2175279	49.569	ng	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	1122205	40.515	ng	98
85) Di-n-octyl phthalate	14.58	149	2154409	42.913	ng	99
86) Indeno(1,2,3-cd)pyrene	16.92	276	2368719	43.212	ng	100
88) Benzo(b)fluoranthene	15.02	252	2418374	47.825	ng	98
89) Benzo(k)fluoranthene	15.05	252	1832520	38.065	ng	99
90) Benzo(a)pyrene	15.39	252	2100047	44.551	ng	98
91) Dibenzo(a,h)anthracene	16.94	278	1899780	41.554	ng	99
92) Benzo(g,h,i)perylene	17.36	276	2006570	43.193	ng	99

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

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