Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101319\
Data File : BP000679.D
Acq On : 12 Oct 2019 19:58
Operator : JU
Sample : K5324-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SOIL-PILEMSD

Manual Integrations APPROVED
mohammad
10/16/2019 8:08:01 AM

Quant Time: Oct 14 05:40:28 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	280577	20.00	ng		-0.02
21) Naphthalene-d8	8.03	136	1025602	20.00	ng		-0.02
39) Acenaphthene-d10	9.80	164	561717	20.00	ng		-0.02
64) Phenanthrene-d10	11.30	188	1027256	20.00	ng		-0.01
76) Chrysene-d12	13.97	240	789154	20.00	ng		0.00
87) Perylene-d12	15.45	264	916903	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	1769967	101.40	ng		-0.01
7) Phenol-d6	6.40	99	2263666	107.62	ng		-0.01
23) Nitrobenzene-d5	7.32	82	1286844	76.63	ng		-0.02
42) 2,4,6-Tribromophenol	10.60	330	661415	110.50	ng		-0.01
45) 2-Fluorobiphenyl	9.12	172	2434722	70.13	ng		-0.02
79) Terphenyl-d14	12.90	244	2672923	68.58	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	233057	33.436	ng		99
3) Pyridine	3.23	79	586588	30.801	ng		99
4) n-Nitrosodimethylamine	3.17	42	195103	36.406	ng		99
6) Aniline	6.41	93	680617	26.635	ng	#	17
8) 2-Chlorophenol	6.54	128	645345	37.462	ng		98
9) Benzaldehyde	6.30	77	349576	31.907	ng		95
10) Phenol	6.41	94	825897	38.350	ng		90
11) bis(2-Chloroethyl)ether	6.49	93	613893	37.051	ng		98
12) 1,3-Dichlorobenzene	6.69	146	731778	35.043	ng		98
13) 1,4-Dichlorobenzene	6.77	146	742923	35.356	ng		98
14) 1,2-Dichlorobenzene	6.92	146	685286	35.324	ng		99
15) Benzyl Alcohol	6.89	79	501611	36.927	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.03	45	552077	36.123	ng		98
17) 2-Methylphenol	7.01	107	537946	37.786	ng		99
18) Hexachloroethane	7.26	117	257830	34.476	ng		98
19) n-Nitroso-di-n-propylamine	7.16	70	353826	36.495	ng		99
20) 3+4-Methylphenols	7.16	107	645240	38.733	ng	#	85
22) Acetophenone	7.16	105	863566	36.440	ng		98
24) Nitrobenzene	7.33	77	615312	37.992	ng		97
25) Isophorone	7.58	82	1141080	38.287	ng		100
26) 2-Nitrophenol	7.65	139	350046	41.099	ng		96
27) 2,4-Dimethylphenol	7.69	122	574674	44.017	ng		99
28) bis(2-Chloroethoxy)methane	7.78	93	762089	37.627	ng		99
29) 2,4-Dichlorophenol	7.90	162	583465	39.525	ng		99
30) 1,2,4-Trichlorobenzene	7.98	180	637952	36.797	ng		99
31) Naphthalene	8.06	128	1849899	38.621	ng		99
32) Benzoic acid	7.82	122	307880	37.347	ng		99
33) 4-Chloroaniline	8.10	127	411848	19.583	ng		99
34) Hexachlorobutadiene	8.18	225	372984	35.599	ng		97
35) Caprolactam	8.47	113	190431m	38.515	ng		
36) 4-Chloro-3-methylphenol	8.60	107	576439	39.870	ng		99
37) 2-Methylnaphthalene	8.75	142	1448649	45.052	ng		100
38) 1-Methylnaphthalene	8.85	142	1307200	43.024	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	637176	35.838	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.91	237	453666	65.230	ng		99
43) 2,4,6-Trichlorophenol	9.03	196	409644	37.429	ng		97
44) 2,4,5-Trichlorophenol	9.08	196	442311	39.143	ng		96
46) 1,1'-Biphenyl	9.22	154	1648810	38.887	ng		98
47) 2-Chloronaphthalene	9.25	162	1221501	37.257	ng		99
48) 2-Nitroaniline	9.34	65	294031	37.043	ng		89
49) Acenaphthylene	9.66	152	1923260	38.882	ng		99
50) Dimethylphthalate	9.52	163	1807641	46.313	ng		99
51) 2,6-Dinitrotoluene	9.59	165	330087	38.781	ng		94
52) Acenaphthene	9.83	154	1542816	51.418	ng		99
53) 3-Nitroaniline	9.75	138	214291	21.972	ng		93
54) 2,4-Dinitrophenol	9.87	184	232101	81.721	ng	#	92
55) Dibenzofuran	10.01	168	2260129	50.390	ng		100
56) 4-Nitrophenol	9.93	139	462830	74.332	ng		99
57) 2,4-Dinitrotoluene	9.99	165	431004	38.191	ng		97
58) Fluorene	10.36	166	1816134	56.812	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.13	232	370642	38.801	ng		97
60) Diethylphthalate	10.23	149	1366966	36.894	ng		99
61) 4-Chlorophenyl-phenylether	10.35	204	656006	38.162	ng		97
62) 4-Nitroaniline	10.37	138	344437	36.721	ng		100
63) Azobenzene	10.50	77	1152226	40.506	ng		96
65) 4,6-Dinitro-2-methylphenol	10.41	198	188732	41.445	ng		91
66) n-Nitrosodiphenylamine	10.46	169	1201685	40.165	ng		98
67) 4-Bromophenyl-phenylether	10.84	248	439824	38.036	ng		98
68) Hexachlorobenzene	10.91	284	460858	35.071	ng		95
69) Atrazine	11.00	200	375022	38.196	ng		99
70) Pentachlorophenol	11.11	266	415448	78.716	ng		97
71) Phenanthrene	11.33	178	3844640	74.521	ng		96
72) Anthracene	11.38	178	2247334	43.932	ng		99
73) Carbazole	11.53	167	1931754	40.738	ng		99
74) Di-n-butylphthalate	11.87	149	2178619	37.715	ng		99
75) Fluoranthene	12.53	202	3777868	65.200	ng		98
77) Benzidine	12.65	184	1259692	55.124	ng		99
78) Pyrene	12.76	202	3299900	60.629	ng		99
80) Butylbenzylphthalate	13.39	149	949100	40.017	ng		98
81) Benzo(a)anthracene	13.96	228	2153678	44.729	ng		97
82) 3,3'-Dichlorobenzidine	13.92	252	521571	27.271	ng		97
83) Chrysene	14.00	228	2032320	43.004	ng		99
84) Bis(2-ethylhexyl)phthalate	13.96	149	1175240	39.400	ng		99
85) Di-n-octyl phthalate	14.57	149	2202108	40.730	ng		100
86) Indeno(1,2,3-cd)pyrene	16.92	276	2265560	38.378	ng		100
88) Benzo(b)fluoranthene	15.02	252	2117495	40.707	ng		98
89) Benzo(k)fluoranthene	15.05	252	1960555	39.588	ng		99
90) Benzo(a)pyrene	15.39	252	2012340	41.499	ng		98
91) Dibenzo(a,h)anthracene	16.94	278	1825137	38.808	ng		98
92) Benzo(g,h,i)perylene	17.36	276	1900713	39.773	ng		99

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

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