Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061020\
Data File : BP002383.D
Acq On : 10 Jun 2020 19:59
Operator : CG/JU
Sample : L1161-01
Misc : LOD-MDL-S-8PPM
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT1-2020

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6/11/2020 1:49:36 PM

Quant Time: Jun 11 05:04:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 11 03:54:52 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	170864	20.00	ng		0.00
21) Naphthalene-d8	10.36	136	653469	20.00	ng		0.00
39) Acenaphthene-d10	14.23	164	427892	20.00	ng		0.00
64) Phenanthrene-d10	16.99	188	963269	20.00	ng		0.00
76) Chrysene-d12	21.10	240	968256	20.00	ng		-0.01
86) Perylene-d12	23.30	264	1115167	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	1478644	160.13	ng		0.00
7) Phenol-d6	6.78	99	1995231	162.30	ng		0.00
23) Nitrobenzene-d5	8.73	82	1322118	120.83	ng		0.00
42) 2,4,6-Tribromophenol	15.74	330	986207	240.73	ng		0.00
45) 2-Fluorobiphenyl	12.86	172	3009188	118.25	ng		0.00
79) Terphenyl-d14	19.59	244	4492834	121.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.16	88	35043	8.239	ng		99
3) Pyridine	3.55	79	79775	6.901	ng		96
4) n-Nitrosodimethylamine	3.46	42	34937	7.333	ng	#	96
6) Aniline	6.92	93	132920	7.950	ng		97
8) 2-Chlorophenol	7.16	128	84364	8.126	ng		98
9) Benzaldehyde	6.73	77	78045	12.425	ng		96
10) Phenol	6.80	94	106330	7.975	ng		98
11) bis(2-Chloroethyl)ether	7.03	93	87338	7.845	ng		97
12) 1,3-Dichlorobenzene	7.48	146	98396	8.230	ng		99
13) 1,4-Dichlorobenzene	7.63	146	99690	8.288	ng		99
14) 1,2-Dichlorobenzene	7.94	146	95908	8.324	ng		96
15) Benzyl Alcohol	7.83	79	66661	6.996	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.12	45	114614	7.256	ng		99
17) 2-Methylphenol	8.04	107	68859	7.067	ng		97
18) Hexachloroethane	8.66	117	34957	7.977	ng		96
19) n-Nitroso-di-n-propylamine	8.39	70	65699	7.995	ng		98
20) 3+4-Methylphenols	8.36	107	92650	7.046	ng		97
22) Acetophenone	8.40	105	136352	9.288	ng		99
24) Nitrobenzene	8.78	77	103160	8.770	ng		96
25) Isophorone	9.30	82	184422	8.275	ng		98
26) 2-Nitrophenol	9.49	139	41458	7.910	ng		98
27) 2,4-Dimethylphenol	9.56	122	65372	7.950	ng		94
28) bis(2-Chloroethoxy)methane	9.79	93	117724	8.868	ng		99
29) 2,4-Dichlorophenol	10.02	162	77792	8.404	ng		98
30) 1,2,4-Trichlorobenzene	10.23	180	95944	9.299	ng		97
31) Naphthalene	10.41	128	277771	9.150	ng		99
32) Benzoic acid	9.64	122	12158m	1.943	ng		
33) 4-Chloroaniline	10.52	127	109751	8.281	ng		98
34) Hexachlorobutadiene	10.72	225	57128	9.488	ng		94
35) Caprolactam	11.26	113	26499	8.117	ng		98
36) 4-Chloro-3-methylphenol	11.66	107	80676	8.055	ng		97
37) 2-Methylnaphthalene	12.03	142	203832	9.459	ng		99
38) 1-Methylnaphthalene	12.26	142	192431	9.515	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.42	216	114804	10.178	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	47070	7.849	ng	99
43) 2,4,6-Trichlorophenol	12.66	196	65359	8.188	ng	99
44) 2,4,5-Trichlorophenol	12.73	196	68491	7.410	ng	96
46) 1,1'-Biphenyl	13.06	154	272635	9.722	ng	99
47) 2-Chloronaphthalene	13.10	162	202639	8.834	ng	96
48) 2-Nitroaniline	13.30	65	46895	6.404	ng	98
49) Acenaphthylene	13.95	152	321249	8.774	ng	99
50) Dimethylphthalate	13.70	163	257588	8.786	ng	100
51) 2,6-Dinitrotoluene	13.81	165	50169	7.879	ng	98
52) Acenaphthene	14.30	154	192110	8.957	ng	99
53) 3-Nitroaniline	14.14	138	47748	6.567	ng	98
54) 2,4-Dinitrophenol	14.35	184	15127	4.332	ng	99
55) Dibenzofuran	14.64	168	321915	9.322	ng	98
56) 4-Nitrophenol	14.46	139	34987	6.061	ng	94
57) 2,4-Dinitrotoluene	14.60	165	64019	7.387	ng	99
58) Fluorene	15.29	166	252372	9.292	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.87	232	63696	8.681	ng	95
60) Diethylphthalate	15.08	149	250125	8.514	ng	99
61) 4-Chlorophenyl-phenylether	15.30	204	135507	10.292	ng	92
62) 4-Nitroaniline	15.30	138	49760	7.123	ng	97
63) Azobenzene	15.59	77	239988	8.207	ng	97
65) 4,6-Dinitro-2-methylphenol	15.37	198	31056	6.110	ng	99
66) n-Nitrosodiphenylamine	15.51	169	224051	9.105	ng	99
67) 4-Bromophenyl-phenylether	16.19	248	84863	9.300	ng	96
68) Hexachlorobenzene	16.30	284	99852	10.312	ng	95
69) Atrazine	16.47	200	83317	10.379	ng	99
70) Pentachlorophenol	16.65	266	39547	6.826	ng	96
71) Phenanthrene	17.03	178	420095	9.323	ng	99
72) Anthracene	17.13	178	415310	9.278	ng	98
73) Carbazole	17.40	167	375715	8.532	ng	99
74) Di-n-butylphthalate	17.99	149	403419	7.741	ng	98
75) Fluoranthene	19.02	202	497219	9.244	ng	99
77) Benzidine	19.20	184	222001	10.261	ng	98
78) Pyrene	19.37	202	527996	8.902	ng	98
80) Butylbenzylphthalate	20.27	149	168988	6.410	ng	93
81) Benzo(a)anthracene	21.08	228	520446	9.417	ng	97
82) 3,3'-Dichlorobenzidine	21.02	252	195893	9.537	ng	99
83) Chrysene	21.13	228	499667	9.542	ng	98
84) Bis(2-ethylhexyl)phthalate	21.04	149	278050	7.250	ng	98
85) Di-n-octyl phthalate	21.91	149	453544	6.743	ng	99
87) Indeno(1,2,3-cd)pyrene	25.51	276	613258	8.792	ng	97
88) Benzo(b)fluoranthene	22.64	252	496956	8.264	ng	99
89) Benzo(k)fluoranthene	22.68	252	544073	9.522	ng	100
90) Benzo(a)pyrene	23.20	252	465940	8.268	ng	98
91) Dibenzo(a,h)anthracene	25.52	278	518194	9.262	ng	99
92) Benzo(g,h,i)perylene	26.17	276	517234	8.926	ng	95

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

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