Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061120\
Data File : BP002392.D
Acq On : 11 Jun 2020 15:55
Operator : CG/JU
Sample : L1161-03
Misc : MDL-MDL-S-8PPM
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MDL-SOIL-03-QT1-2020

Quant Time: Jun 11 16:27:25 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 15:13:22 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	145489	20.00	ng		0.00
21) Naphthalene-d8	10.37	136	571805	20.00	ng		0.00
39) Acenaphthene-d10	14.25	164	353802	20.00	ng		0.00
64) Phenanthrene-d10	17.00	188	776790	20.00	ng		0.00
76) Chrysene-d12	21.11	240	746410	20.00	ng		0.00
86) Perylene-d12	23.31	264	820757	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	1322702	168.23	ng		0.00
7) Phenol-d6	6.78	99	1783126	170.34	ng		0.00
23) Nitrobenzene-d5	8.74	82	1189999	124.28	ng		0.00
42) 2,4,6-Tribromophenol	15.75	330	635448	187.59	ng		0.00
45) 2-Fluorobiphenyl	12.86	172	2409300	114.50	ng		0.00
79) Terphenyl-d14	19.59	244	3352362	117.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.16	88	32363	8.936	ng		98
3) Pyridine	3.55	79	74703	7.589	ng		98
4) n-Nitrosodimethylamine	3.46	42	32224	7.944	ng	#	98
6) Aniline	6.92	93	119683	8.407	ng		98
8) 2-Chlorophenol	7.16	128	74117	8.384	ng		98
9) Benzaldehyde	6.74	77	70334	13.150	ng		99
10) Phenol	6.80	94	96401	8.491	ng		98
11) bis(2-Chloroethyl)ether	7.03	93	78217	8.252	ng		96
12) 1,3-Dichlorobenzene	7.48	146	82032	8.058	ng		95
13) 1,4-Dichlorobenzene	7.63	146	82607	8.065	ng		97
14) 1,2-Dichlorobenzene	7.94	146	79405	8.093	ng		98
15) Benzyl Alcohol	7.83	79	59276	7.306	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.13	45	107089	7.962	ng		98
17) 2-Methylphenol	8.04	107	59858	7.215	ng		98
18) Hexachloroethane	8.66	117	29747	7.972	ng		89
19) n-Nitroso-di-n-propylamine	8.40	70	59115	8.448	ng		97
20) 3+4-Methylphenols	8.37	107	80012	7.146	ng		94
22) Acetophenone	8.40	105	121325	9.444	ng		99
24) Nitrobenzene	8.78	77	92987	9.034	ng		99
25) Isophorone	9.30	82	164827	8.452	ng		97
26) 2-Nitrophenol	9.49	139	33771	7.363	ng		96
27) 2,4-Dimethylphenol	9.56	122	55014	7.646	ng		98
28) bis(2-Chloroethoxy)methane	9.79	93	104316	8.981	ng		99
29) 2,4-Dichlorophenol	10.02	162	63612	7.854	ng		98
30) 1,2,4-Trichlorobenzene	10.24	180	75746	8.390	ng		94
31) Naphthalene	10.42	128	237576	8.943	ng		100
32) Benzoic acid	9.64	122	9441	1.725	ng		86
33) 4-Chloroaniline	10.53	127	93365	8.051	ng		98
34) Hexachlorobutadiene	10.72	225	41888	7.951	ng		99
35) Caprolactam	11.26	113	22673	7.937	ng		98
36) 4-Chloro-3-methylphenol	11.67	107	70516	8.047	ng		99
37) 2-Methylnaphthalene	12.04	142	171785	9.111	ng		98
38) 1-Methylnaphthalene	12.26	142	161475	9.124	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.42	216	87173	9.347	ng		99

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ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MDL-SOIL-03-QT1-2020

Quant Time: Jun 11 16:27:25 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 15:13:22 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	34155	6.888 ng	97
43) 2,4,6-Trichlorophenol	12.66	196	49465	7.494 ng	99
44) 2,4,5-Trichlorophenol	12.73	196	54069	7.074 ng	99
46) 1,1'-Biphenyl	13.07	154	224382	9.677 ng	98
47) 2-Chloronaphthalene	13.10	162	165211	8.710 ng	99
48) 2-Nitroaniline	13.31	65	42323	6.990 ng	95
49) Acenaphthylene	13.96	152	263159	8.693 ng	99
50) Dimethylphthalate	13.70	163	212180	8.752 ng	98
51) 2,6-Dinitrotoluene	13.82	165	40109	7.618 ng	94
52) Acenaphthene	14.30	154	157938	8.906 ng	100
53) 3-Nitroaniline	14.15	138	39939	6.644 ng	95
54) 2,4-Dinitrophenol	14.36	184	11723	4.060 ng	91
55) Dibenzofuran	14.65	168	259040	9.072 ng	99
56) 4-Nitrophenol	14.47	139	28970	6.069 ng	97
57) 2,4-Dinitrotoluene	14.61	165	49668	6.931 ng	90
58) Fluorene	15.30	166	201854	8.988 ng	98
59) 2,3,4,6-Tetrachlorophenol	14.88	232	47552	7.838 ng	98
60) Diethylphthalate	15.09	149	205330	8.453 ng	98
61) 4-Chlorophenyl-phenylether	15.30	204	102837	9.446 ng	97
62) 4-Nitroaniline	15.32	138	40590	7.027 ng	93
63) Azobenzene	15.60	77	217673	9.003 ng	98
65) 4,6-Dinitro-2-methylphenol	15.39	198	23878	5.825 ng	98
66) n-Nitrosodiphenylamine	15.52	169	174027	8.770 ng	97
67) 4-Bromophenyl-phenylether	16.20	248	60300	8.194 ng	95
68) Hexachlorobenzene	16.32	284	65632	8.405 ng	93
69) Atrazine	16.48	200	63188	9.761 ng	98
70) Pentachlorophenol	16.66	266	27555	5.898 ng	99
71) Phenanthrene	17.05	178	338638	9.319 ng	98
72) Anthracene	17.13	178	325526	9.018 ng	98
73) Carbazole	17.40	167	299036	8.421 ng	100
74) Di-n-butylphthalate	17.99	149	324378	7.719 ng	98
75) Fluoranthene	19.03	202	380548	8.774 ng	98
77) Benzidine	19.21	184	172001	10.313 ng	100
78) Pyrene	19.38	202	406968	8.901 ng	99
80) Butylbenzylphthalate	20.28	149	137418	6.761 ng	98
81) Benzo(a)anthracene	21.09	228	389838	9.150 ng	96
82) 3,3'-Dichlorobenzidine	21.03	252	137466	8.682 ng	99
83) Chrysene	21.15	228	384128	9.516 ng	98
84) Bis(2-ethylhexyl)phthalate	21.05	149	230358	7.792 ng	96
85) Di-n-octyl phthalate	21.92	149	371932	7.173 ng	98
87) Indeno(1,2,3-cd)pyrene	25.52	276	424177	8.263 ng	97
88) Benzo(b)fluoranthene	22.65	252	375986	8.495 ng	99
89) Benzo(k)fluoranthene	22.69	252	375045	8.918 ng	96
90) Benzo(a)pyrene	23.21	252	335416	8.087 ng	97
91) Dibenzo(a,h)anthracene	25.54	278	356013	8.645 ng	98
92) Benzo(g,h,i)perylene	26.20	276	351947	8.252 ng	97

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

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ALS Vial : 4 Sample Multiplier: 1

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