Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071420\
Data File : BP002744.D
Acq On : 14 Jul 2020 11:51
Operator : CG/JU
Sample : L3216-03
Misc : MDL-MDL-SOIL-8PPM
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MDL-SOIL-03-QT3-2020

Quant Time: Jul 14 12:40:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 13 10:54:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	192886	20.00	ng		0.00
21) Naphthalene-d8	10.32	136	792321	20.00	ng		0.00
39) Acenaphthene-d10	14.20	164	504309	20.00	ng		0.00
64) Phenanthrene-d10	16.96	188	1061771	20.00	ng		0.00
76) Chrysene-d12	21.07	240	959134	20.00	ng		0.00
86) Perylene-d12	23.26	264	830082	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	1096996	95.95	ng		0.00
7) Phenol-d6	6.75	99	1542811	94.56	ng		0.00
23) Nitrobenzene-d5	8.70	82	1138513	76.85	ng		0.00
42) 2,4,6-Tribromophenol	15.70	330	490003	93.08	ng		0.00
45) 2-Fluorobiphenyl	12.82	172	2331957	71.53	ng		0.00
79) Terphenyl-d14	19.55	244	2626316	62.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.13	88	45381	9.105	ng		99
3) Pyridine	3.52	79	88653	5.968	ng		97
4) n-Nitrosodimethylamine	3.43	42	40187	7.182	ng	#	98
6) Aniline	6.89	93	152792	7.397	ng		99
8) 2-Chlorophenol	7.13	128	92032	7.235	ng		99
9) Benzaldehyde	6.70	77	88522	9.986	ng		98
10) Phenol	6.78	94	122639	7.338	ng		93
11) bis(2-Chloroethyl)ether	6.99	93	101276	7.285	ng		98
12) 1,3-Dichlorobenzene	7.45	146	103709	7.110	ng		98
13) 1,4-Dichlorobenzene	7.59	146	105770	7.226	ng		98
14) 1,2-Dichlorobenzene	7.90	146	99032	7.016	ng		97
15) Benzyl Alcohol	7.80	79	73046	6.690	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.09	45	143831	7.194	ng		99
17) 2-Methylphenol	8.01	107	77671	6.523	ng		99
18) Hexachloroethane	8.62	117	37239	7.183	ng		97
19) n-Nitroso-di-n-propylamine	8.36	70	74384	7.486	ng		97
20) 3+4-Methylphenols	8.34	107	102901	6.536	ng		97
22) Acetophenone	8.37	105	150956	7.728	ng	#	98
24) Nitrobenzene	8.74	77	118067	7.359	ng		97
25) Isophorone	9.26	82	209063	6.924	ng		100
26) 2-Nitrophenol	9.45	139	42438	6.124	ng		92
27) 2,4-Dimethylphenol	9.53	122	79958	7.107	ng		99
28) bis(2-Chloroethoxy)methane	9.75	93	136655	7.452	ng		98
29) 2,4-Dichlorophenol	10.00	162	79933	6.444	ng		97
30) 1,2,4-Trichlorobenzene	10.19	180	96761	6.811	ng		99
31) Naphthalene	10.37	128	301051	7.197	ng		100
32) Benzoic acid	9.67	122	20328m	2.645	ng		
33) 4-Chloroaniline	10.50	127	118061	6.586	ng		98
34) Hexachlorobutadiene	10.67	225	53036	6.459	ng		98
35) Caprolactam	11.24	113	24989	5.762	ng		96
36) 4-Chloro-3-methylphenol	11.65	107	88229	6.599	ng		98
37) 2-Methylnaphthalene	12.00	142	216711	7.342	ng		99
38) 1-Methylnaphthalene	12.22	142	203047	7.273	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.38	216	109186	7.045	ng		100

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.36	237	20004	3.585	ng		99
43) 2,4,6-Trichlorophenol	12.63	196	59018	5.949	ng		98
44) 2,4,5-Trichlorophenol	12.72	196	65084	5.656	ng		98
46) 1,1'-Biphenyl	13.03	154	290823	7.735	ng		99
47) 2-Chloronaphthalene	13.06	162	207388	6.791	ng		98
48) 2-Nitroaniline	13.28	65	54845	5.810	ng		93
49) Acenaphthylene	13.92	152	343811	7.142	ng		99
50) Dimethylphthalate	13.67	163	263362	6.848	ng		99
51) 2,6-Dinitrotoluene	13.78	165	53445	6.491	ng		91
52) Acenaphthene	14.26	154	202890	7.052	ng		99
53) 3-Nitroaniline	14.12	138	51547	5.595	ng		95
54) 2,4-Dinitrophenol	14.36	184	6311	1.949	ng	#	79
55) Dibenzofuran	14.60	168	333533	7.228	ng		98
56) 4-Nitrophenol	14.48	139	25546	3.975	ng		94
57) 2,4-Dinitrotoluene	14.59	165	64897	5.985	ng	#	88
58) Fluorene	15.26	166	257789	7.550	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.85	232	57009	6.286	ng		98
60) Diethylphthalate	15.05	149	258988	6.945	ng		99
61) 4-Chlorophenyl-phenylether	15.26	204	131827	7.267	ng		100
62) 4-Nitroaniline	15.29	138	52374	5.745	ng		98
63) Azobenzene	15.56	77	282262	7.362	ng		98
65) 4,6-Dinitro-2-methylphenol	15.36	198	24066	4.185	ng		96
66) n-Nitrosodiphenylamine	15.47	169	227276	7.246	ng		100
67) 4-Bromophenyl-phenylether	16.16	248	73290	6.337	ng		92
68) Hexachlorobenzene	16.27	284	82911	6.804	ng		93
69) Atrazine	16.44	200	70248	8.204	ng		99
70) Pentachlorophenol	16.64	266	15108	3.165	ng		97
71) Phenanthrene	17.00	178	412900	7.182	ng		100
72) Anthracene	17.10	178	406422	7.204	ng		99
73) Carbazole	17.37	167	371787	6.716	ng		99
74) Di-n-butylphthalate	17.95	149	407577	6.789	ng		99
75) Fluoranthene	18.99	202	464770	6.977	ng		98
77) Benzidine	19.18	184	153241	6.446	ng		99
78) Pyrene	19.35	202	485799	7.336	ng		97
80) Butylbenzylphthalate	20.23	149	160823	6.154	ng		90
81) Benzo(a)anthracene	21.06	228	431319	6.947	ng		99
82) 3,3'-Dichlorobenzidine	21.00	252	135750	6.602	ng		98
83) Chrysene	21.10	228	415875	7.037	ng		99
84) Bis(2-ethylhexyl)phthalate	21.00	149	245978	6.768	ng	#	97
85) Di-n-octyl phthalate	21.86	149	366721	5.612	ng		96
87) Indeno(1,2,3-cd)pyrene	25.46	276	348838	5.814	ng		98
88) Benzo(b)fluoranthene	22.60	252	378236	7.338	ng		98
89) Benzo(k)fluoranthene	22.64	252	370662	7.301	ng		98
90) Benzo(a)pyrene	23.16	252	316772	6.485	ng		97
91) Dibenzo(a,h)anthracene	25.47	278	286056	5.912	ng		99
92) Benzo(g,h,i)perylene	26.13	276	279026	5.688	ng		98

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

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