Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112020\
Data File : BP004021.D
Acq On : 20 Nov 2020 12:59
Operator : CG/JU
Sample : L4776-02MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : ND-SOILMS

Quant Time: Nov 20 14:02:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 20 12:19:10 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.269	152	118889	20.00	ng	0.00
21) Naphthalene-d8	11.099	136	438083	20.00	ng	# 0.00
39) Acenaphthene-d10	14.892	164	283383	20.00	ng	0.00
64) Phenanthrene-d10	17.622	188	596806	20.00	ng	# 0.00
76) Chrysene-d12	21.657	240	534458	20.00	ng	0.00
86) Perylene-d12	24.121	264	559654	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.805	112	944687	132.62	ng	0.00
7) Phenol-d6	7.452	99	1183536	115.74	ng	0.00
23) Nitrobenzene-d5	9.434	82	883294	98.75	ng	0.00
42) 2,4,6-Tribromophenol	16.375	330	548437	154.73	ng	0.00
45) 2-Fluorobiphenyl	13.516	172	1895363	93.50	ng	0.00
79) Terphenyl-d14	20.122	244	2900278	104.84	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.505	88	126843	41.27	ng	# 1
3) Pyridine	3.940	79	137300	15.23	ng	# 58
4) n-Nitrosodimethylamine	3.828	42	204069	49.18	ng	# 52
6) Aniline	7.575	93	192223	16.55	ng	# 86
8) 2-Chlorophenol	7.846	128	407508	53.88	ng	82
9) Benzaldehyde	7.375	77	55120	8.82	ng	# 82
10) Phenol	7.481	94	465958	47.22	ng	84
11) bis(2-Chloroethyl)ether	7.658	93	395277	49.84	ng	# 80
12) 1,3-Dichlorobenzene	8.163	146	470662	50.78	ng	# 95
13) 1,4-Dichlorobenzene	8.305	146	475151	50.85	ng	96
14) 1,2-Dichlorobenzene	8.634	146	441578	49.47	ng	96
15) Benzyl Alcohol	8.510	79	386795	54.61	ng	# 88
16) 2,2'-oxybis(1-Chloropr...	8.799	45	640526	47.95	ng	82
17) 2-Methylphenol	8.740	107	347870	53.69	ng	# 93
18) Hexachloroethane	9.381	117	175392	52.81	ng	99
19) n-Nitroso-di-n-propyla...	9.075	70	333236	54.52	ng	# 76
20) 3+4-Methylphenols	9.069	107	462977	53.53	ng	# 87
22) Acetophenone	9.093	105	647161	55.04	ng	# 85
24) Nitrobenzene	9.475	77	496083	55.81	ng	# 80
25) Isophorone	9.999	82	902429	59.40	ng	# 89
26) 2-Nitrophenol	10.199	139	232496	66.98	ng	# 74
27) 2,4-Dimethylphenol	10.275	122	384579	66.42	ng	90
28) bis(2-Chloroethoxy)met...	10.469	93	524659	50.32	ng	98
29) 2,4-Dichlorophenol	10.763	162	396233	56.79	ng	95
30) 1,2,4-Trichlorobenzene	10.969	180	443471	52.17	ng	98
31) Naphthalene	11.152	128	1282308	54.55	ng	99
32) Benzoic acid	10.457	122	132174	35.20	ng	# 75
33) 4-Chloroaniline	11.246	127	87646	8.77	ng	# 88
34) Hexachlorobutadiene	11.457	225	280961	50.68	ng	99
35) Caprolactam	11.987	113	95274	44.16	ng	# 20
36) 4-Chloro-3-methylphenol	12.381	107	422036	56.04	ng	90
37) 2-Methylnaphthalene	12.734	142	920375	54.71	ng	97
38) 1-Methylnaphthalene	12.951	142	823634	51.33	ng	97
40) 1,2,4,5-Tetrachloroben...	13.116	216	491247	52.38	ng	99
41) Hexachlorocyclopentadiene	13.104	237	466671	98.63	ng	98
43) 2,4,6-Trichlorophenol	13.351	196	317871	54.83	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.440	196	347581	56.94	ng		97
46) 1,1'-Biphenyl	13.722	154	1115021	50.69	ng		98
47) 2-Chloronaphthalene	13.775	162	882692	48.90	ng		99
48) 2-Nitroaniline	13.957	65	282775	52.50	ng	#	63
49) Acenaphthylene	14.616	152	1419355	53.55	ng		100
50) Dimethylphthalate	14.322	163	1300392	58.71	ng		99
51) 2,6-Dinitrotoluene	14.440	165	266316	58.59	ng	#	75
52) Acenaphthene	14.957	154	977716	55.38	ng		98
53) 3-Nitroaniline	14.769	138	109612	21.79	ng	#	76
54) 2,4-Dinitrophenol	14.987	184	186073	75.06	ng	#	82
55) Dibenzofuran	15.287	168	1392531	53.09	ng		99
56) 4-Nitrophenol	15.122	139	345652	95.32	ng	#	63
57) 2,4-Dinitrotoluene	15.234	165	364270	59.69	ng	#	77
58) Fluorene	15.934	166	1120645	53.35	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.528	232	296526	53.88	ng		96
60) Diethylphthalate	15.675	149	1186119	54.69	ng		99
61) 4-Chlorophenyl-phenyle...	15.904	204	595350	51.86	ng		98
62) 4-Nitroaniline	15.934	138	249533	47.58	ng		87
63) Azobenzene	16.198	77	1077177	52.60	ng		84
65) 4,6-Dinitro-2-methylph...	16.010	198	168616	51.88	ng	#	84
66) n-Nitrosodiphenylamine	16.122	169	996954	54.57	ng		98
67) 4-Bromophenyl-phenylether	16.798	248	361515	51.77	ng		97
68) Hexachlorobenzene	16.963	284	404068	50.71	ng		95
69) Atrazine	17.051	200	308939	51.51	ng		98
70) Pentachlorophenol	17.298	266	357942	93.91	ng		99
71) Phenanthrene	17.669	178	1754989	52.40	ng		99
72) Anthracene	17.757	178	1788216	55.28	ng		99
73) Carbazole	18.010	167	1626920	54.21	ng		98
74) Di-n-butylphthalate	18.522	149	1973485	56.80	ng	#	99
75) Fluoranthene	19.598	202	2043630	52.88	ng		99
77) Benzidine	19.745	184	133585	10.60	ng		98
78) Pyrene	19.951	202	2089196	57.60	ng		99
80) Butylbenzylphthalate	20.769	149	855545	63.31	ng	#	87
81) Benzo(a)anthracene	21.639	228	1863966	52.89	ng		98
82) 3,3'-Dichlorobenzidine	21.551	252	268696	22.10	ng		99
83) Chrysene	21.698	228	1804772	53.29	ng		98
84) Bis(2-ethylhexyl)phtha...	21.516	149	1172409	58.85	ng		100
85) Di-n-octyl phthalate	22.445	149	2069314	62.35	ng	#	87
87) Indeno(1,2,3-cd)pyrene	26.686	276	2166396	53.66	ng		98
88) Benzo(b)fluoranthene	23.380	252	1935723	52.85	ng		99
89) Benzo(k)fluoranthene	23.427	252	1912096	52.88	ng		99
90) Benzo(a)pyrene	24.021	252	1679120	49.53	ng		98
91) Dibenzo(a,h)anthracene	26.686	278	1853209	55.07	ng		97
92) Benzo(g,h,i)perylene	27.474	276	1816263	55.76	ng		98

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

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