Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032521\
Data File : BP005044.D
Acq On : 25 Mar 2021 13:52
Operator : CG/JU
Sample : M1458-01
Misc : LOD-MDL-SOIL-8PPM
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT1-2021

Quant Time: Mar 25 14:27:11 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 25 12:50:43 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.722	152	23156	20.00	ng		# 0.00
21) Naphthalene-d8	10.516	136	89917	20.00	ng		# 0.00
39) Acenaphthene-d10	14.381	164	62680	20.00	ng		0.00
64) Phenanthrene-d10	17.139	188	131334	20.00	ng		# 0.00
76) Chrysene-d12	21.227	240	136454	20.00	ng		0.00
86) Perylene-d12	23.521	264	139982	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.317	112	126909	84.34	ng		0.00
7) Phenol-d6	6.899	99	178597	82.86	ng		0.00
23) Nitrobenzene-d5	8.881	82	148441	70.83	ng		0.00
42) 2,4,6-Tribromophenol	15.875	330	72182	88.39	ng		0.00
45) 2-Fluorobiphenyl	12.993	172	326227	70.41	ng		0.00
79) Terphenyl-d14	19.710	244	556675	74.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.258	88	6592	10.06	ng		94
3) Pyridine	3.675	79	14114	8.66	ng		89
4) n-Nitrosodimethylamine	3.575	42	5102	8.76	ng		87
6) Aniline	7.058	93	27216	11.14	ng	#	85
8) 2-Chlorophenol	7.293	128	15114	9.52	ng		87
9) Benzaldehyde	6.875	77	16429	14.97	ng	#	68
10) Phenol	6.922	94	22066	9.99	ng	#	71
11) bis(2-Chloroethyl)ether	7.158	93	17036	10.53	ng		96
12) 1,3-Dichlorobenzene	7.611	146	18013	10.22	ng	#	80
13) 1,4-Dichlorobenzene	7.763	146	17545	9.80	ng	#	89
14) 1,2-Dichlorobenzene	8.075	146	17814	10.37	ng	#	89
15) Benzyl Alcohol	7.969	79	14919	8.97	ng	#	83
16) 2,2'-oxybis(1-Chloropr...	8.252	45	12121	10.22	ng		81
17) 2-Methylphenol	8.169	107	14024	9.95	ng	#	88
18) Hexachloroethane	8.793	117	6744	9.89	ng		83
19) n-Nitroso-di-n-propyla...	8.534	70	13676	9.78	ng	#	94
20) 3+4-Methylphenols	8.499	107	19019	9.88	ng		94
22) Acetophenone	8.552	105	26497	10.25	ng	#	95
24) Nitrobenzene	8.922	77	22474	10.18	ng	#	73
25) Isophorone	9.452	82	36360	9.40	ng	#	88
26) 2-Nitrophenol	9.634	139	7695	8.98	ng	#	55
27) 2,4-Dimethylphenol	9.699	122	14150	10.27	ng		89
28) bis(2-Chloroethoxy)met...	9.934	93	22379	11.43	ng		97
29) 2,4-Dichlorophenol	10.163	162	14709	9.54	ng		87
30) 1,2,4-Trichlorobenzene	10.381	180	17249	9.96	ng		97
31) Naphthalene	10.563	128	49369	9.72	ng		98
32) Benzoic acid	9.775	122	6775	6.63	ng	#	80
33) 4-Chloroaniline	10.687	127	20260	9.86	ng	#	72
34) Hexachlorobutadiene	10.852	225	10511	9.44	ng		87
35) Caprolactam	11.463	113	4844	9.58	ng		88
36) 4-Chloro-3-methylphenol	11.810	107	17955	9.64	ng		84
37) 2-Methylnaphthalene	12.187	142	36728	10.01	ng	#	94
38) 1-Methylnaphthalene	12.404	142	34962	10.17	ng	#	93
40) 1,2,4,5-Tetrachloroben...	12.551	216	20686	10.13	ng	#	94
41) Hexachlorocyclopentadiene	12.534	237	12300	11.08	ng		98
43) 2,4,6-Trichlorophenol	12.799	196	12163	8.62	ng		91

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.875	196	13361	8.74	ng	#	86
46) 1,1'-Biphenyl	13.204	154	48709	10.19	ng		96
47) 2-Chloronaphthalene	13.246	162	38040	9.77	ng		92
48) 2-Nitroaniline	13.457	65	11023	8.89	ng	#	57
49) Acenaphthylene	14.098	152	57402	9.48	ng		99
50) Dimethylphthalate	13.840	163	47685	9.88	ng	#	98
51) 2,6-Dinitrotoluene	13.957	165	10152	8.92	ng	#	31
52) Acenaphthene	14.445	154	35032	9.41	ng		91
53) 3-Nitroaniline	14.293	138	9286	8.87	ng	#	60
54) 2,4-Dinitrophenol	14.498	184	4162	6.04	ng	#	60
55) Dibenzofuran	14.781	168	58627	9.60	ng		98
56) 4-Nitrophenol	14.610	139	6518	7.59	ng	#	49
57) 2,4-Dinitrotoluene	14.745	165	13322	8.87	ng	#	54
58) Fluorene	15.434	166	46907	9.52	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.004	232	13348	9.47	ng		97
60) Diethylphthalate	15.210	149	46861	9.92	ng		97
61) 4-Chlorophenyl-phenyle...	15.434	204	25574	9.78	ng		95
62) 4-Nitroaniline	15.457	138	9234	8.58	ng	#	66
63) Azobenzene	15.722	77	50016	9.27	ng		85
65) 4,6-Dinitro-2-methylph...	15.510	198	7529	7.86	ng		90
66) n-Nitrosodiphenylamine	15.645	169	40723	9.65	ng		99
67) 4-Bromophenyl-phenylether	16.328	248	15525	10.20	ng		97
68) Hexachlorobenzene	16.439	284	17476	10.21	ng		95
69) Atrazine	16.604	200	13289	9.48	ng		94
70) Pentachlorophenol	16.787	266	9773	8.65	ng		96
71) Phenanthrene	17.181	178	75737	9.95	ng		98
72) Anthracene	17.269	178	76433	10.27	ng		99
73) Carbazole	17.545	167	66462	9.51	ng		99
74) Di-n-butylphthalate	18.104	149	73856	9.60	ng	#	97
75) Fluoranthene	19.157	202	90782	10.13	ng		97
77) Benzidine	19.345	184	28739	9.60	ng		99
78) Pyrene	19.510	202	89908	9.59	ng		98
80) Butylbenzylphthalate	20.386	149	31284	8.99	ng	#	77
81) Benzo(a)anthracene	21.216	228	91845	9.91	ng		95
82) 3,3'-Dichlorobenzidine	21.151	252	31816	10.21	ng		99
83) Chrysene	21.269	228	91230	10.03	ng		98
84) Bis(2-ethylhexyl)phtha...	21.145	149	47105	9.23	ng		96
85) Di-n-octyl phthalate	22.033	149	79469	9.24	ng	#	93
87) Indeno(1,2,3-cd)pyrene	25.863	276	102912	9.81	ng		97
88) Benzo(b)fluoranthene	22.822	252	96043	9.66	ng		97
89) Benzo(k)fluoranthene	22.869	252	94561	9.93	ng		99
90) Benzo(a)pyrene	23.416	252	81759	9.17	ng	#	96
91) Dibenzo(a,h)anthracene	25.874	278	87638	9.66	ng		96
92) Benzo(g,h,i)perylene	26.580	276	85724	9.79	ng		96

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

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