Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043021\
Data File : BF123768.D
Acq On : 30 Apr 2021 11:17
Operator : JU/CG
Sample : M1458-03
Misc : MDL-MDL-SOIL-8PPM
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MDL-SOIL-03-QT1-2021

Quant Time: Apr 30 11:41:58 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 27 16:30:39 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.810	152	211738	20.00	ng		0.00
21) Naphthalene-d8	8.092	136	757026	20.00	ng		0.00
39) Acenaphthene-d10	9.845	164	374270	20.00	ng		0.00
64) Phenanthrene-d10	11.333	188	720957	20.00	ng		0.00
76) Chrysene-d12	13.974	240	588948	20.00	ng		-0.01
86) Perylene-d12	15.433	264	483430	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	1637714	122.54	ng		0.00
7) Phenol-d6	6.445	99	2236727	121.49	ng		0.00
23) Nitrobenzene-d5	7.375	82	1469970	87.66	ng		0.00
42) 2,4,6-Tribromophenol	10.639	330	594798	127.66	ng		0.00
45) 2-Fluorobiphenyl	9.175	172	2228557	86.71	ng		0.00
79) Terphenyl-d14	12.927	244	2509853	82.06	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.504	88	55299	7.68	ng		97
3) Pyridine	3.287	79	113886	6.47	ng		93
4) n-Nitrosodimethylamine	3.175	42	77695	8.02	ng	#	95
6) Aniline	6.469	93	201240	9.45	ng		99
8) 2-Chlorophenol	6.592	128	120180	8.36	ng		95
9) Benzaldehyde	6.357	77	118571	13.31	ng		99
10) Phenol	6.457	94	166587	8.42	ng		98
11) bis(2-Chloroethyl)ether	6.545	93	125596	8.70	ng		92
12) 1,3-Dichlorobenzene	6.745	146	124516	8.57	ng		98
13) 1,4-Dichlorobenzene	6.828	146	127121	8.65	ng		96
14) 1,2-Dichlorobenzene	6.981	146	118785	8.32	ng		98
15) Benzyl Alcohol	6.945	79	131189	9.09	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.086	45	273774	8.91	ng		98
17) 2-Methylphenol	7.057	107	103404	8.44	ng		98
18) Hexachloroethane	7.322	117	50566	8.69	ng		97
19) n-Nitroso-di-n-propyla...	7.216	70	95085	8.36	ng		96
20) 3+4-Methylphenols	7.216	107	130437	8.37	ng	#	78
22) Acetophenone	7.210	105	191517	9.31	ng		96
24) Nitrobenzene	7.386	77	145871	8.35	ng		95
25) Isophorone	7.622	82	249285	7.93	ng		100
26) 2-Nitrophenol	7.704	139	58250	8.17	ng		96
27) 2,4-Dimethylphenol	7.745	122	109949	9.82	ng		93
28) bis(2-Chloroethoxy)met...	7.839	93	149941	9.36	ng		100
29) 2,4-Dichlorophenol	7.951	162	93541	8.48	ng		91
30) 1,2,4-Trichlorobenzene	8.033	180	99189	8.58	ng		97
31) Naphthalene	8.116	128	346573	8.89	ng		99
32) Benzoic acid	7.828	122	20769	7.79	ng		92
33) 4-Chloroaniline	8.163	127	144727	8.90	ng		93
34) Hexachlorobutadiene	8.233	225	60956	8.65	ng		93
35) Caprolactam	8.492	113	29782	7.69	ng		94
36) 4-Chloro-3-methylphenol	8.639	107	113595	8.25	ng		97
37) 2-Methylnaphthalene	8.804	142	227556	8.96	ng		97
38) 1-Methylnaphthalene	8.904	142	213054	8.92	ng		100
40) 1,2,4,5-Tetrachloroben...	8.969	216	100183	9.10	ng		96
41) Hexachlorocyclopentadiene	8.963	237	29578	8.81	ng		94
43) 2,4,6-Trichlorophenol	9.080	196	62215	8.20	ng		94

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44) 2,4,5-Trichlorophenol	9.122	196	62222	7.64	ng		97
46) 1,1'-Biphenyl	9.269	154	292548	9.54	ng		99
47) 2-Chloronaphthalene	9.292	162	206738	8.94	ng		98
48) 2-Nitroaniline	9.386	65	82311	8.08	ng		99
49) Acenaphthylene	9.710	152	345084	9.25	ng		96
50) Dimethylphthalate	9.563	163	232577	8.82	ng		99
51) 2,6-Dinitrotoluene	9.627	165	48318	7.93	ng		89
52) Acenaphthene	9.880	154	209816	9.23	ng		98
53) 3-Nitroaniline	9.792	138	58655	8.06	ng		89
54) 2,4-Dinitrophenol	9.904	184	11189	3.46	ng		89
55) Dibenzofuran	10.051	168	310634	9.03	ng		95
56) 4-Nitrophenol	9.957	139	37711	7.11	ng		93
57) 2,4-Dinitrotoluene	10.027	165	68302	8.22	ng	#	90
58) Fluorene	10.392	166	238322	9.02	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.169	232	50143	7.78	ng		96
60) Diethylphthalate	10.269	149	241293	8.60	ng		97
61) 4-Chlorophenyl-phenyle...	10.386	204	108694	8.83	ng		99
62) 4-Nitroaniline	10.404	138	57285	7.94	ng		98
63) Azobenzene	10.551	77	273092	8.47	ng		98
65) 4,6-Dinitro-2-methylph...	10.439	198	25623	5.74	ng		93
66) n-Nitrosodiphenylamine	10.504	169	203963	8.65	ng		98
67) 4-Bromophenyl-phenylether	10.880	248	65865	8.68	ng		94
68) Hexachlorobenzene	10.945	284	76325	8.83	ng		95
69) Atrazine	11.027	200	63458	8.90	ng		94
70) Pentachlorophenol	11.139	266	22308	5.07	ng		88
71) Phenanthrene	11.357	178	331037	8.75	ng		99
72) Anthracene	11.410	178	350680	9.33	ng		97
73) Carbazole	11.563	167	325559	8.57	ng		99
74) Di-n-butylphthalate	11.898	149	371043	8.70	ng	#	97
75) Fluoranthene	12.545	202	356811	8.65	ng		99
77) Benzidine	12.668	184	214532	14.07	ng		98
78) Pyrene	12.774	202	374295	8.19	ng		99
80) Butylbenzylphthalate	13.398	149	141451	7.24	ng		99
81) Benzo(a)anthracene	13.968	228	299858	8.40	ng		97
82) 3,3'-Dichlorobenzidine	13.927	252	108380	9.89	ng		99
83) Chrysene	14.004	228	296907	8.27	ng		100
84) Bis(2-ethylhexyl)phtha...	13.962	149	192814	7.95	ng		94
85) Di-n-octyl phthalate	14.574	149	292335	7.54	ng		100
87) Indeno(1,2,3-cd)pyrene	16.874	276	227329	8.07	ng		98
88) Benzo(b)fluoranthene	15.009	252	255307	7.84	ng		98
89) Benzo(k)fluoranthene	15.039	252	264964	8.52	ng		97
90) Benzo(a)pyrene	15.368	252	237048	8.51	ng		97
91) Dibenzo(a,h)anthracene	16.892	278	187943	7.91	ng		96
92) Benzo(g,h,i)perylene	17.309	276	185880	7.81	ng		100

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

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