Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012023\
Data File : BF132158.D
Acq On : 20 Jan 2023 13:04
Operator : CG\JU
Sample : N3980-02
Misc : LOQ-SOIL-10ppm
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2022

Quant Time: Jan 21 02:31:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 21 02:30:07 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.089	152	196430	20.000	ng		0.00
21) Naphthalene-d8	8.378	136	681842	20.000	ng		0.00
39) Acenaphthene-d10	10.142	164	372635	20.000	ng		0.00
64) Phenanthrene-d10	11.642	188	746352	20.000	ng		0.00
76) Chrysene-d12	14.307	240	541149	20.000	ng		0.00
86) Perylene-d12	15.907	264	409050	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.707	112	991649	88.189	ng		0.00
7) Phenol-d6	6.701	99	1279292	90.378	ng		0.00
23) Nitrobenzene-d5	7.654	82	838317	65.314	ng		0.00
42) 2,4,6-Tribromophenol	10.936	330	400000	100.495	ng		0.00
45) 2-Fluorobiphenyl	9.454	172	1450355	56.873	ng		0.00
79) Terphenyl-d14	13.236	244	1778511	55.053	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.019	88	48940	8.591	ng		99
3) Pyridine	3.796	79	125896	8.232	ng		99
4) n-Nitrosodimethylamine	3.719	42	63999	8.898	ng		99
6) Aniline	6.754	93	189020	9.641	ng		97
8) 2-Chlorophenol	6.872	128	123011	10.407	ng		96
9) Benzaldehyde	6.642	77	96411	10.587	ng		98
10) Phenol	6.713	94	148843	10.101	ng		96
11) bis(2-Chloroethyl)ether	6.819	93	124836	10.007	ng		98
12) 1,3-Dichlorobenzene	7.031	146	141641	10.720	ng		98
13) 1,4-Dichlorobenzene	7.107	146	143385	10.876	ng		99
14) 1,2-Dichlorobenzene	7.266	146	131590	10.794	ng		97
15) Benzyl Alcohol	7.219	79	96797	8.940	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.360	45	184295	10.165	ng		99
17) 2-Methylphenol	7.319	107	98102	9.474	ng		96
18) Hexachloroethane	7.607	117	49723	10.507	ng		98
19) n-Nitroso-di-n-propyla...	7.489	70	90179	10.401	ng		97
20) 3+4-Methylphenols	7.472	107	131044	10.043	ng		91
22) Acetophenone	7.489	105	160356	9.785	ng	#	96
24) Nitrobenzene	7.672	77	138426	10.186	ng		94
25) Isophorone	7.901	82	247137	9.841	ng		99
26) 2-Nitrophenol	7.984	139	51053	11.810	ng		100
27) 2,4-Dimethylphenol	8.007	122	87455	8.048	ng		98
28) bis(2-Chloroethoxy)met...	8.113	93	153372	10.179	ng		99
29) 2,4-Dichlorophenol	8.219	162	103129	9.996	ng		98
30) 1,2,4-Trichlorobenzene	8.313	180	121832	10.397	ng		99
31) Naphthalene	8.401	128	365536	10.439	ng		98
32) Benzoic acid	8.072	122	70057	11.009	ng		93
33) 4-Chloroaniline	8.436	127	150281	10.028	ng		98
34) Hexachlorobutadiene	8.513	225	81974	10.414	ng		99
35) Caprolactam	8.778	113	36796	12.577	ng		92
36) 4-Chloro-3-methylphenol	8.907	107	105940	10.204	ng		97
37) 2-Methylnaphthalene	9.089	142	243579	10.103	ng		99
38) 1-Methylnaphthalene	9.189	142	234854	10.469	ng		98
40) 1,2,4,5-Tetrachloroben...	9.254	216	118799	9.163	ng		100
41) Hexachlorocyclopentadiene	9.242	237	77024	10.887	ng		99
43) 2,4,6-Trichlorophenol	9.366	196	78320	9.734	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.401	196	85265	9.061	ng		94
46) 1,1'-Biphenyl	9.554	154	280386	9.537	ng		99
47) 2-Chloronaphthalene	9.583	162	241308	10.618	ng		99
48) 2-Nitroaniline	9.672	65	65635	10.031	ng		99
49) Acenaphthylene	10.001	152	369371	10.160	ng		99
50) Dimethylphthalate	9.848	163	279576	10.359	ng		99
51) 2,6-Dinitrotoluene	9.913	165	55225	10.557	ng		93
52) Acenaphthene	10.178	154	223438	10.218	ng		99
53) 3-Nitroaniline	10.083	138	58459	10.452	ng		94
54) 2,4-Dinitrophenol	10.183	184	17757	8.804	ng	#	1
55) Dibenzofuran	10.348	168	351244	10.394	ng		97
56) 4-Nitrophenol	10.219	139	41220	10.127	ng		93
57) 2,4-Dinitrotoluene	10.313	165	65294	10.399	ng		100
58) Fluorene	10.695	166	271360	10.837	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.460	232	71351	9.967	ng		98
60) Diethylphthalate	10.554	149	269744	10.192	ng		99
61) 4-Chlorophenyl-phenyle...	10.683	204	140602	10.486	ng		94
62) 4-Nitroaniline	10.695	138	52823	10.145	ng		94
63) Azobenzene	10.842	77	263830	9.933	ng		97
65) 4,6-Dinitro-2-methylph...	10.725	198	34353	10.616	ng		92
66) n-Nitrosodiphenylamine	10.801	169	237799	9.949	ng		99
67) 4-Bromophenyl-phenylether	11.177	248	85575	9.407	ng		95
68) Hexachlorobenzene	11.242	284	90666	10.028	ng	#	90
69) Atrazine	11.319	200	70311	9.534	ng		98
70) Pentachlorophenol	11.436	266	70857	12.196	ng		96
71) Phenanthrene	11.666	178	407462	10.403	ng		99
72) Anthracene	11.719	178	408648	10.313	ng		99
73) Carbazole	11.866	167	368043	10.874	ng		98
74) Di-n-butylphthalate	12.195	149	407931	10.827	ng		99
75) Fluoranthene	12.866	202	445341	11.069	ng		99
77) Benzidine	12.983	184	158050	9.728	ng		98
78) Pyrene	13.101	202	457586	9.175	ng		98
80) Butylbenzylphthalate	13.713	149	139691	9.665	ng		88
81) Benzo(a)anthracene	14.295	228	368679	9.537	ng		99
82) 3,3'-Dichlorobenzidine	14.254	252	93604	8.694	ng		99
83) Chrysene	14.330	228	349597	9.500	ng		99
84) Bis(2-ethylhexyl)phtha...	14.265	149	189357	9.922	ng		100
85) Di-n-octyl phthalate	14.907	149	213656	12.455	ng		100
87) Indeno(1,2,3-cd)pyrene	17.559	276	227372	7.660	ng		98
88) Benzo(b)fluoranthene	15.418	252	268654	10.787	ng		99
89) Benzo(k)fluoranthene	15.454	252	270247	10.639	ng		100
90) Benzo(a)pyrene	15.830	252	211834	8.842	ng		99
91) Dibenzo(a,h)anthracene	17.583	278	198673	8.207	ng		99
92) Benzo(g,h,i)perylene	18.065	276	204247	8.018	ng		99

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

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