Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013123\
Data File : BF132246.D
Acq On : 31 Jan 2023 23:57
Operator : CG\JU
Sample : N3980-03
Misc : MDL-MDL-SOIL 8PPM
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Feb 01 05:59:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 01 05:24:37 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.072	152	168947	20.000	ng		0.00
21) Naphthalene-d8	8.354	136	630361	20.000	ng		0.00
39) Acenaphthene-d10	10.119	164	321784	20.000	ng		0.00
64) Phenanthrene-d10	11.619	188	590618	20.000	ng		0.00
76) Chrysene-d12	14.277	240	415654	20.000	ng		#-0.01
86) Perylene-d12	15.865	264	398859	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.684	112	1195829	113.774	ng		0.00
7) Phenol-d6	6.684	99	1471391	113.550	ng		0.00
23) Nitrobenzene-d5	7.631	82	887496	78.347	ng		0.00
42) 2,4,6-Tribromophenol	10.913	330	410256	123.978	ng		0.00
45) 2-Fluorobiphenyl	9.436	172	1531257	73.485	ng		0.00
79) Terphenyl-d14	13.213	244	1610615	74.956	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.966	88	43938	8.884	ng		100
3) Pyridine	3.760	79	104544	7.792	ng		99
4) n-Nitrosodimethylamine	3.678	42	35281	8.218	ng		100
6) Aniline	6.731	93	153556	8.733	ng		99
8) 2-Chlorophenol	6.848	128	104792	9.626	ng		93
9) Benzaldehyde	6.619	77	85274	9.192	ng		97
10) Phenol	6.695	94	121668	9.071	ng		94
11) bis(2-Chloroethyl)ether	6.795	93	102709	9.305	ng		99
12) 1,3-Dichlorobenzene	7.007	146	113359	9.846	ng		98
13) 1,4-Dichlorobenzene	7.084	146	116757	10.159	ng		97
14) 1,2-Dichlorobenzene	7.242	146	109203	10.189	ng		97
15) Benzyl Alcohol	7.195	79	95812m	10.133	ng		
16) 2,2'-oxybis(1-Chloropr...	7.336	45	111745	9.609	ng		99
17) 2-Methylphenol	7.301	107	83069	8.717	ng		96
18) Hexachloroethane	7.583	117	41648	9.660	ng		94
19) n-Nitroso-di-n-propyla...	7.466	70	70448	9.571	ng		97
20) 3+4-Methylphenols	7.454	107	110881	9.117	ng		99
22) Acetophenone	7.472	105	149830	10.107	ng	#	97
24) Nitrobenzene	7.648	77	106809	9.229	ng		99
25) Isophorone	7.878	82	197318	9.177	ng		97
26) 2-Nitrophenol	7.966	139	52347	9.286	ng		91
27) 2,4-Dimethylphenol	7.989	122	85827	8.699	ng		99
28) bis(2-Chloroethoxy)met...	8.089	93	126994	9.612	ng		99
29) 2,4-Dichlorophenol	8.201	162	82863	9.459	ng		97
30) 1,2,4-Trichlorobenzene	8.289	180	91749	9.781	ng		98
31) Naphthalene	8.378	128	305577	9.848	ng		99
32) Benzoic acid	8.036	122	47860m	6.553	ng		
33) 4-Chloroaniline	8.419	127	127990	9.302	ng		99
34) Hexachlorobutadiene	8.489	225	51951	9.851	ng		99
35) Caprolactam	8.748	113	27172	9.099	ng		93
36) 4-Chloro-3-methylphenol	8.883	107	87584	9.281	ng		98
37) 2-Methylnaphthalene	9.072	142	203720	9.693	ng		100
38) 1-Methylnaphthalene	9.172	142	191905	9.825	ng		98
40) 1,2,4,5-Tetrachloroben...	9.236	216	88431	9.766	ng		97
41) Hexachlorocyclopentadiene	9.225	237	49544	9.378	ng		98
43) 2,4,6-Trichlorophenol	9.342	196	58678	9.065	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.377	196	63520	8.526	ng		98
46) 1,1'-Biphenyl	9.536	154	252340	10.172	ng		97
47) 2-Chloronaphthalene	9.560	162	189206	10.014	ng		99
48) 2-Nitroaniline	9.648	65	49494	8.808	ng		98
49) Acenaphthylene	9.977	152	297890	9.660	ng		99
50) Dimethylphthalate	9.825	163	213958	9.505	ng		99
51) 2,6-Dinitrotoluene	9.889	165	45551	9.061	ng		90
52) Acenaphthene	10.154	154	182975	9.478	ng		99
53) 3-Nitroaniline	10.060	138	52964	8.688	ng		99
54) 2,4-Dinitrophenol	10.160	184	15689	9.420	ng	#	1
55) Dibenzofuran	10.325	168	265917	9.803	ng		95
56) 4-Nitrophenol	10.201	139	38909	8.481	ng		100
57) 2,4-Dinitrotoluene	10.289	165	58107	8.898	ng		95
58) Fluorene	10.672	166	210691	10.092	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.436	232	48449	8.920	ng		97
60) Diethylphthalate	10.530	149	212303	9.481	ng		100
61) 4-Chlorophenyl-phenyle...	10.660	204	97735	9.865	ng		96
62) 4-Nitroaniline	10.672	138	49020	8.385	ng		98
63) Azobenzene	10.819	77	201787	9.251	ng		98
65) 4,6-Dinitro-2-methylph...	10.701	198	23946	7.144	ng		97
66) n-Nitrosodiphenylamine	10.777	169	178344	9.643	ng		98
67) 4-Bromophenyl-phenylether	11.154	248	57242	9.465	ng		98
68) Hexachlorobenzene	11.219	284	65582	10.145	ng		99
69) Atrazine	11.295	200	55250	10.386	ng		98
70) Pentachlorophenol	11.413	266	29747	6.698	ng		97
71) Phenanthrene	11.642	178	309186	10.018	ng		98
72) Anthracene	11.695	178	313622	9.985	ng		98
73) Carbazole	11.842	167	274776	9.757	ng		99
74) Di-n-butylphthalate	12.166	149	316994	9.521	ng		98
75) Fluoranthene	12.842	202	304142	9.657	ng		99
77) Benzidine	12.960	184	151291	10.411	ng		99
78) Pyrene	13.071	202	316353	9.463	ng		98
80) Butylbenzylphthalate	13.683	149	121608	8.233	ng		98
81) Benzo(a)anthracene	14.265	228	266660	9.173	ng		99
82) 3,3'-Dichlorobenzidine	14.224	252	91533	9.885	ng		98
83) Chrysene	14.307	228	251989	9.257	ng		98
84) Bis(2-ethylhexyl)phtha...	14.242	149	170491	8.540	ng		99
85) Di-n-octyl phthalate	14.877	149	265274	8.146	ng		99
87) Indeno(1,2,3-cd)pyrene	17.506	276	208678	7.874	ng		99
88) Benzo(b)fluoranthene	15.383	252	236741	9.338	ng		99
89) Benzo(k)fluoranthene	15.418	252	234140	9.675	ng		98
90) Benzo(a)pyrene	15.795	252	199464	8.449	ng		98
91) Dibenzo(a,h)anthracene	17.530	278	178945	8.398	ng		96
92) Benzo(g,h,i)perylene	18.006	276	177017	8.041	ng		98

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

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