Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112222\
Data File : BF131324.D
Acq On : 22 Nov 2022 11:27
Operator : CG\JU
Sample : N4955-03
Misc : MDL-MDL-SOIL-8ppm
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 23 03:42:08 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 23 03:40:59 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT4-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	98079	20.000	ng		0.00
21) Naphthalene-d8	8.251	136	356988	20.000	ng		0.00
39) Acenaphthene-d10	10.016	164	211155	20.000	ng		-0.01
64) Phenanthrene-d10	11.516	188	403773	20.000	ng		0.00
76) Chrysene-d12	14.168	240	278280	20.000	ng		#-0.01
86) Perylene-d12	15.709	264	196918	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.569	112	566315	109.893	ng		0.00
7) Phenol-d6	6.581	99	705248	107.261	ng		0.00
23) Nitrobenzene-d5	7.534	82	528318	74.601	ng		0.00
42) 2,4,6-Tribromophenol	10.810	330	220473	124.108	ng		0.00
45) 2-Fluorobiphenyl	9.333	172	1018883	70.199	ng		0.00
79) Terphenyl-d14	13.115	244	1214923	71.393	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.769	88	20621	8.393	ng		99
3) Pyridine	3.563	79	51792	7.592	ng		96
4) n-Nitrosodimethylamine	3.487	42	30090	7.479	ng	#	98
6) Aniline	6.622	93	77775m	9.026	ng		
8) 2-Chlorophenol	6.745	128	51111	8.754	ng		98
9) Benzaldehyde	6.516	77	46914	10.156	ng		97
10) Phenol	6.592	94	61909	8.492	ng		92
11) bis(2-Chloroethyl)ether	6.692	93	50957	8.343	ng		97
12) 1,3-Dichlorobenzene	6.904	146	58581	8.419	ng		100
13) 1,4-Dichlorobenzene	6.981	146	60671	8.581	ng		98
14) 1,2-Dichlorobenzene	7.134	146	55689	8.554	ng		97
15) Benzyl Alcohol	7.104	79	44404	8.236	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.234	45	99410	8.511	ng		99
17) 2-Methylphenol	7.198	107	41321	8.304	ng		98
18) Hexachloroethane	7.481	117	20764	8.210	ng		94
19) n-Nitroso-di-n-propyla...	7.369	70	40011	8.313	ng		99
20) 3+4-Methylphenols	7.351	107	53032	8.347	ng	#	86
22) Acetophenone	7.369	105	81900	9.013	ng		98
24) Nitrobenzene	7.545	77	60702	8.227	ng		100
25) Isophorone	7.781	82	109518	8.668	ng		98
26) 2-Nitrophenol	7.863	139	17952	9.094	ng		98
27) 2,4-Dimethylphenol	7.892	122	48606	9.923	ng		95
28) bis(2-Chloroethoxy)met...	7.992	93	65553	9.135	ng		98
29) 2,4-Dichlorophenol	8.098	162	43343	8.158	ng		96
30) 1,2,4-Trichlorobenzene	8.192	180	53208	8.084	ng		98
31) Naphthalene	8.275	128	158063	8.309	ng		98
32) Benzoic acid	7.945	122	14295m	5.134	ng		
33) 4-Chloroaniline	8.316	127	65575	8.737	ng		98
34) Hexachlorobutadiene	8.392	225	35856	8.413	ng		99
35) Caprolactam	8.651	113	12782	9.155	ng		94
36) 4-Chloro-3-methylphenol	8.786	107	46083	8.349	ng		96
37) 2-Methylnaphthalene	8.969	142	107746	8.359	ng		99
38) 1-Methylnaphthalene	9.069	142	103579	8.287	ng		100
40) 1,2,4,5-Tetrachloroben...	9.133	216	57804	8.436	ng		99
41) Hexachlorocyclopentadiene	9.122	237	26332	8.548	ng		99
43) 2,4,6-Trichlorophenol	9.239	196	28231	7.263	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	37452	8.568	ng		97
46) 1,1'-Biphenyl	9.433	154	143279	8.892	ng		99
47) 2-Chloronaphthalene	9.457	162	109462	8.468	ng		99
48) 2-Nitroaniline	9.551	65	30545	7.783	ng		99
49) Acenaphthylene	9.875	152	167171	8.484	ng		99
50) Dimethylphthalate	9.727	163	128803	8.755	ng		98
51) 2,6-Dinitrotoluene	9.792	165	24335	8.271	ng		91
52) Acenaphthene	10.051	154	103140	8.359	ng		99
53) 3-Nitroaniline	9.963	138	24261	8.025	ng		99
54) 2,4-Dinitrophenol	10.063	184	5345	5.407	ng	#	69
55) Dibenzofuran	10.222	168	153067	8.623	ng		100
56) 4-Nitrophenol	10.104	139	16751	7.984	ng		98
57) 2,4-Dinitrotoluene	10.192	165	29703	8.024	ng		92
58) Fluorene	10.569	166	121654	8.781	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.333	232	28813	7.915	ng		95
60) Diethylphthalate	10.433	149	124129	8.936	ng		99
61) 4-Chlorophenyl-phenyle...	10.563	204	64002	9.012	ng		96
62) 4-Nitroaniline	10.574	138	24655	8.194	ng		92
63) Azobenzene	10.722	77	125603	8.409	ng		97
65) 4,6-Dinitro-2-methylph...	10.598	198	7511	4.727	ng		92
66) n-Nitrosodiphenylamine	10.674	169	106099	8.246	ng		98
67) 4-Bromophenyl-phenylether	11.057	248	40262	8.136	ng		93
68) Hexachlorobenzene	11.116	284	42674	8.125	ng		94
69) Atrazine	11.204	200	38887	9.817	ng		98
70) Pentachlorophenol	11.310	266	17439m	6.472	ng		
71) Phenanthrene	11.539	178	181555	8.320	ng		99
72) Anthracene	11.586	178	185685	8.659	ng		99
73) Carbazole	11.745	167	157420	8.605	ng		99
74) Di-n-butylphthalate	12.074	149	190590	8.842	ng		99
75) Fluoranthene	12.733	202	194420	8.455	ng		99
77) Benzidine	12.857	184	82374	16.026	ng		99
78) Pyrene	12.963	202	200782	8.178	ng		97
80) Butylbenzylphthalate	13.586	149	55700	7.873	ng		97
81) Benzo(a)anthracene	14.157	228	152633	8.002	ng		98
82) 3,3'-Dichlorobenzidine	14.121	252	45030	8.896	ng		98
83) Chrysene	14.198	228	143865	7.687	ng		99
84) Bis(2-ethylhexyl)phtha...	14.145	149	74116	7.762	ng		98
85) Di-n-octyl phthalate	14.774	149	86726	6.023	ng		99
87) Indeno(1,2,3-cd)pyrene	17.274	276	85184	6.441	ng		97
88) Benzo(b)fluoranthene	15.251	252	103790	7.934	ng		99
89) Benzo(k)fluoranthene	15.280	252	110545	8.223	ng		98
90) Benzo(a)pyrene	15.639	252	86951	8.101	ng	#	97
91) Dibenzo(a,h)anthracene	17.303	278	75803	6.942	ng		95
92) Benzo(g,h,i)perylene	17.750	276	73816	6.773	ng		97

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

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