Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031623\
Data File : BM039022.D
Acq On : 16 Mar 2023 18:51
Operator : CG/JU
Sample : 01627-01
Misc : LOD-MDL-SOIL 8PPM
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 17 06:18:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 17 06:13:01 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/17/2023
Supervised By :Jagrut Upadhyay 03/17/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.975	152	328049	20.000	ng		0.00
21) Naphthalene-d8	10.792	136	1359707	20.000	ng		0.00
39) Acenaphthene-d10	14.616	164	840462	20.000	ng		0.00
64) Phenanthrene-d10	17.363	188	1753814	20.000	ng		0.00
76) Chrysene-d12	21.545	240	1592007	20.000	ng		0.00
86) Perylene-d12	23.980	264	1553909	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.528	112	2245760	104.008	ng		0.00
7) Phenol-d6	7.134	99	3026551	107.913	ng		0.00
23) Nitrobenzene-d5	9.145	82	2247421	81.191	ng		0.00
42) 2,4,6-Tribromophenol	16.104	330	1042809	107.254	ng		0.00
45) 2-Fluorobiphenyl	13.245	172	4723572	73.164	ng		0.00
79) Terphenyl-d14	19.986	244	6947872	79.792	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.393	88	65969	6.868	ng		98
3) Pyridine	3.810	79	161521	6.063	ng		98
4) n-Nitrosodimethylamine	3.716	42	75616	6.975	ng	#	97
6) Aniline	7.304	93	253943	6.896	ng		99
8) 2-Chlorophenol	7.534	128	158192	6.882	ng		96
9) Benzaldehyde	7.110	77	155675m	11.664	ng		
10) Phenol	7.157	94	208747	7.009	ng		95
11) bis(2-Chloroethyl)ether	7.398	93	170462	7.040	ng		97
12) 1,3-Dichlorobenzene	7.863	146	171539	7.022	ng		98
13) 1,4-Dichlorobenzene	8.010	146	174990	7.043	ng		99
14) 1,2-Dichlorobenzene	8.334	146	170007	7.104	ng		99
15) Benzyl Alcohol	8.216	79	140538	6.991	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.510	45	238924	7.813	ng		98
17) 2-Methylphenol	8.416	107	128042	6.258	ng		96
18) Hexachloroethane	9.063	117	64567	7.043	ng		97
19) n-Nitroso-di-n-propyla...	8.787	70	135113	7.648	ng		97
20) 3+4-Methylphenols	8.745	107	174330	6.381	ng		99
22) Acetophenone	8.804	105	267893	7.022	ng	#	98
24) Nitrobenzene	9.187	77	208319	7.160	ng		99
25) Isophorone	9.710	82	358781	7.043	ng		97
26) 2-Nitrophenol	9.898	139	68201	5.932	ng		95
27) 2,4-Dimethylphenol	9.957	122	147740	6.656	ng		99
28) bis(2-Chloroethoxy)met...	10.198	93	231255	7.066	ng		100
29) 2,4-Dichlorophenol	10.434	162	128502	6.107	ng		100
30) 1,2,4-Trichlorobenzene	10.651	180	146967	6.391	ng		99
31) Naphthalene	10.839	128	517619	6.676	ng		100
32) Benzoic acid	10.022	122	57319	3.899	ng		99
33) 4-Chloroaniline	10.951	127	209089	6.328	ng		96
34) Hexachlorobutadiene	11.128	225	82347	6.245	ng		95
35) Caprolactam	11.716	113	42944	6.705	ng		94
36) 4-Chloro-3-methylphenol	12.063	107	149291	6.663	ng		96
37) 2-Methylnaphthalene	12.445	142	341809	6.577	ng		98
38) 1-Methylnaphthalene	12.663	142	318921	6.549	ng		100
40) 1,2,4,5-Tetrachloroben...	12.810	216	161615	5.915	ng		99
41) Hexachlorocyclopentadiene	12.792	237	93397	6.227	ng		97
43) 2,4,6-Trichlorophenol	13.051	196	97015	5.483	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.116	196	109041	5.265	ng		97
46) 1,1'-Biphenyl	13.451	154	475697	6.681	ng		99
47) 2-Chloronaphthalene	13.492	162	345543	6.436	ng		98
48) 2-Nitroaniline	13.698	65	92310	5.987	ng		96
49) Acenaphthylene	14.339	152	530695	6.205	ng		100
50) Dimethylphthalate	14.075	163	429608	6.643	ng		99
51) 2,6-Dinitrotoluene	14.192	165	82049	6.239	ng		91
52) Acenaphthene	14.680	154	339238	6.454	ng		99
53) 3-Nitroaniline	14.516	138	89500	5.871	ng	#	94
54) 2,4-Dinitrophenol	14.722	184	32547	4.593	ng		96
55) Dibenzofuran	15.016	168	534742	6.502	ng		99
56) 4-Nitrophenol	14.816	139	74931	5.834	ng		96
57) 2,4-Dinitrotoluene	14.974	165	100014	5.939	ng		91
58) Fluorene	15.663	166	425089	6.598	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.239	232	98086	6.141	ng		96
60) Diethylphthalate	15.433	149	425746	6.766	ng		99
61) 4-Chlorophenyl-phenyle...	15.657	204	200822	6.345	ng		96
62) 4-Nitroaniline	15.674	138	88670	5.829	ng		95
63) Azobenzene	15.951	77	446553	6.707	ng		99
65) 4,6-Dinitro-2-methylph...	15.733	198	46636	4.442	ng		91
66) n-Nitrosodiphenylamine	15.869	169	354095	5.989	ng		100
67) 4-Bromophenyl-phenylether	16.551	248	114418	6.040	ng		95
68) Hexachlorobenzene	16.663	284	134339	6.344	ng		94
69) Atrazine	16.821	200	112385	6.959	ng		99
70) Pentachlorophenol	17.004	266	72874	4.679	ng		96
71) Phenanthrene	17.404	178	667752	6.487	ng		99
72) Anthracene	17.492	178	636582	6.201	ng		99
73) Carbazole	17.763	167	605841	6.467	ng		99
74) Di-n-butylphthalate	18.333	149	661320	6.355	ng		99
75) Fluoranthene	19.415	202	690002	6.349	ng		98
77) Benzidine	19.598	184	342410	10.320	ng		99
78) Pyrene	19.780	202	745752	6.237	ng		99
80) Butylbenzylphthalate	20.674	149	272895	6.145	ng		93
81) Benzo(a)anthracene	21.527	228	722936	6.306	ng		99
82) 3,3'-Dichlorobenzidine	21.456	252	242883	6.893	ng		98
83) Chrysene	21.580	228	707846	6.348	ng		99
84) Bis(2-ethylhexyl)phtha...	21.456	149	402551	6.177	ng		98
85) Di-n-octyl phthalate	22.392	149	617833	5.489	ng		96
87) Indeno(1,2,3-cd)pyrene	26.509	276	653523	5.527	ng		98
88) Benzo(b)fluoranthene	23.233	252	651086	6.558	ng		98
89) Benzo(k)fluoranthene	23.286	252	676001	6.543	ng		99
90) Benzo(a)pyrene	23.868	252	535654	5.606	ng		98
91) Dibenzo(a,h)anthracene	26.538	278	552953	5.522	ng		99
92) Benzo(g,h,i)perylene	27.297	276	520186	5.310	ng		99

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

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