Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020624\
Data File : BM043986.D
Acq On : 06 Feb 2024 11:30
Operator : MA/JU
Sample : 03572-02
Misc : LOQ-SOIL-10PPM
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 07 03:04:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 07:03:31 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2023

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.922	152	250955	20.000	ng		0.00
21) Naphthalene-d8	10.728	136	1136183	20.000	ng		0.00
39) Acenaphthene-d10	14.563	164	701347	20.000	ng		0.00
64) Phenanthrene-d10	17.315	188	1548528	20.000	ng		0.00
76) Chrysene-d12	21.515	240	1581309	20.000	ng		0.00
86) Perylene-d12	23.927	264	1845631	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	2442898	143.751	ng		0.00
7) Phenol-d6	7.087	99	3404805	135.602	ng		0.00
23) Nitrobenzene-d5	9.092	82	1982810	84.126	ng		0.00
42) 2,4,6-Tribromophenol	16.057	330	1254341	146.718	ng		0.00
45) 2-Fluorobiphenyl	13.192	172	4369694	85.611	ng		0.00
79) Terphenyl-d14	19.956	244	7541615	92.066	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.393	88	77733	11.836	ng		99
3) Pyridine	3.793	79	191800	9.596	ng		97
4) n-Nitrosodimethylamine	3.716	42	90796	10.567	ng	#	98
6) Aniline	7.251	93	288474	11.547	ng		98
8) 2-Chlorophenol	7.481	128	181628	9.626	ng		99
9) Benzaldehyde	7.069	77	185871	12.966	ng		98
10) Phenol	7.110	94	255454	10.232	ng		95
11) bis(2-Chloroethyl)ether	7.357	93	204987	10.476	ng		96
12) 1,3-Dichlorobenzene	7.804	146	204833	10.055	ng		99
13) 1,4-Dichlorobenzene	7.957	146	207438	10.069	ng		99
14) 1,2-Dichlorobenzene	8.269	146	204493	10.065	ng		98
15) Benzyl Alcohol	8.169	79	176686	10.266	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.457	45	282195m	10.755	ng		
17) 2-Methylphenol	8.369	107	154636	9.690	ng		98
18) Hexachloroethane	8.992	117	77414	10.014	ng		97
19) n-Nitroso-di-n-propyla...	8.734	70	165768	10.033	ng		99
20) 3+4-Methylphenols	8.692	107	212572	9.437	ng		97
22) Acetophenone	8.751	105	328758	10.679	ng	#	97
24) Nitrobenzene	9.134	77	245639	10.387	ng		97
25) Isophorone	9.657	82	434996	9.914	ng		98
26) 2-Nitrophenol	9.839	139	85120	8.906	ng		97
27) 2,4-Dimethylphenol	9.904	122	143904	10.965	ng		99
28) bis(2-Chloroethoxy)met...	10.151	93	278162	10.381	ng		99
29) 2,4-Dichlorophenol	10.369	162	159856	9.550	ng		99
30) 1,2,4-Trichlorobenzene	10.586	180	191441	10.126	ng		99
31) Naphthalene	10.775	128	645006	10.185	ng		98
32) Benzoic acid	9.969	122	81725	11.551	ng		92
33) 4-Chloroaniline	10.892	127	277122	10.646	ng		98
34) Hexachlorobutadiene	11.051	225	100413	9.738	ng		99
35) Caprolactam	11.663	113	59006	8.596	ng		90
36) 4-Chloro-3-methylphenol	12.016	107	190546	9.296	ng		99
37) 2-Methylnaphthalene	12.386	142	436001	9.872	ng		99
38) 1-Methylnaphthalene	12.604	142	432248	9.804	ng		99
40) 1,2,4,5-Tetrachloroben...	12.751	216	213558	10.736	ng		100
41) Hexachlorocyclopentadiene	12.722	237	83592	12.777	ng		98
43) 2,4,6-Trichlorophenol	12.998	196	125112	9.307	ng		94

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 07:03:31 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.063	196	145401	9.481	ng	98
46) 1,1'-Biphenyl	13.404	154	582131	10.555	ng	100
47) 2-Chloronaphthalene	13.439	162	448247	10.191	ng	99
48) 2-Nitroaniline	13.651	65	132742	9.279	ng	95
49) Acenaphthylene	14.286	152	740450	11.013	ng	100
50) Dimethylphthalate	14.033	163	562394	10.323	ng	99
51) 2,6-Dinitrotoluene	14.151	165	110365	9.216	ng	93
52) Acenaphthene	14.627	154	432057	10.137	ng	99
53) 3-Nitroaniline	14.480	138	130762	9.406	ng	94
54) 2,4-Dinitrophenol	14.686	184	40489	12.369	ng	96
55) Dibenzofuran	14.963	168	700323	10.558	ng	99
56) 4-Nitrophenol	14.780	139	109908	9.047	ng	99
57) 2,4-Dinitrotoluene	14.939	165	146487	8.788	ng	100
58) Fluorene	15.616	166	566303	10.110	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.186	232	133010	10.060	ng	98
60) Diethylphthalate	15.398	149	554800	9.838	ng	99
61) 4-Chlorophenyl-phenyle...	15.616	204	265983	10.178	ng	99
62) 4-Nitroaniline	15.639	138	138292	9.098	ng	99
63) Azobenzene	15.910	77	573257	10.177	ng	98
65) 4,6-Dinitro-2-methylph...	15.692	198	60960	11.746	ng	93
66) n-Nitrosodiphenylamine	15.833	169	478610	10.376	ng	100
67) 4-Bromophenyl-phenylether	16.515	248	145762	9.555	ng	99
68) Hexachlorobenzene	16.610	284	180385	9.918	ng	98
69) Atrazine	16.792	200	155126	12.156	ng	98
70) Pentachlorophenol	16.957	266	95003	7.955	ng	98
71) Phenanthrene	17.357	178	912672	10.582	ng	100
72) Anthracene	17.451	178	878964	10.409	ng	99
73) Carbazole	17.727	167	860231	9.836	ng	99
74) Di-n-butylphthalate	18.304	149	904046	9.426	ng	100
75) Fluoranthene	19.380	202	1031078	9.667	ng	99
77) Benzidine	19.580	184	450410	22.450	ng	99
78) Pyrene	19.745	202	1114642	10.254	ng	98
80) Butylbenzylphthalate	20.668	149	392481	9.119	ng	98
81) Benzo(a)anthracene	21.503	228	1159636	10.453	ng	99
82) 3,3'-Dichlorobenzidine	21.445	252	377432	10.640	ng	98
83) Chrysene	21.556	228	1078248	10.145	ng	99
84) Bis(2-ethylhexyl)phtha...	21.450	149	595887	9.309	ng	99
85) Di-n-octyl phthalate	22.397	149	964883	8.750	ng	99
87) Indeno(1,2,3-cd)pyrene	26.427	276	1369467	9.916	ng	100
88) Benzo(b)fluoranthene	23.192	252	1140759	9.826	ng	99
89) Benzo(k)fluoranthene	23.244	252	1138185	10.219	ng	100
90) Benzo(a)pyrene	23.821	252	1008425	9.827	ng	99
91) Dibenzo(a,h)anthracene	26.456	278	1133538	9.953	ng	99
92) Benzo(g,h,i)perylene	27.191	276	1116756	9.613	ng	98

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

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