Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020624\
Data File : BM043994.D
Acq On : 06 Feb 2024 16:27
Operator : MA/JU
Sample : P1187-02
Misc : LOQ-SOIL-10PPM
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Feb 07 03:09:22 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-QT1-2024

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	297569	20.000	ng		0.00
21) Naphthalene-d8	10.727	136	1301267	20.000	ng		0.00
39) Acenaphthene-d10	14.563	164	796041	20.000	ng		0.00
64) Phenanthrene-d10	17.315	188	1703625	20.000	ng		0.00
76) Chrysene-d12	21.515	240	1829659	20.000	ng		0.00
86) Perylene-d12	23.927	264	2139326	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	3013124	149.531	ng		0.00
7) Phenol-d6	7.087	99	3970005	133.344	ng		0.00
23) Nitrobenzene-d5	9.092	82	2232572	82.705	ng		0.00
42) 2,4,6-Tribromophenol	16.057	330	1239689	127.755	ng		0.00
45) 2-Fluorobiphenyl	13.192	172	5013874	86.546	ng		0.00
79) Terphenyl-d14	19.956	244	8418158	88.817	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.399	88	92906	11.930	ng		96
3) Pyridine	3.799	79	232358	9.804	ng		96
4) n-Nitrosodimethylamine	3.716	42	103715	10.180	ng	#	94
6) Aniline	7.251	93	328874	11.102	ng		98
8) 2-Chlorophenol	7.481	128	215870	9.649	ng		99
9) Benzaldehyde	7.069	77	214739	12.490	ng		100
10) Phenol	7.110	94	292560	9.883	ng		93
11) bis(2-Chloroethyl)ether	7.357	93	237291	10.228	ng		99
12) 1,3-Dichlorobenzene	7.810	146	245606	10.168	ng		97
13) 1,4-Dichlorobenzene	7.957	146	252222	10.325	ng		99
14) 1,2-Dichlorobenzene	8.269	146	239117	9.925	ng		99
15) Benzyl Alcohol	8.169	79	196642	9.636	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.463	45	333061m	10.705	ng		
17) 2-Methylphenol	8.369	107	177171	9.363	ng		98
18) Hexachloroethane	8.992	117	93948	10.249	ng		96
19) n-Nitroso-di-n-propyla...	8.733	70	188320	9.613	ng		98
20) 3+4-Methylphenols	8.698	107	237860	8.906	ng		99
22) Acetophenone	8.751	105	368571	10.453	ng	#	99
24) Nitrobenzene	9.133	77	273036	10.081	ng		99
25) Isophorone	9.657	82	477446	9.501	ng		98
26) 2-Nitrophenol	9.839	139	94441	8.628	ng		98
27) 2,4-Dimethylphenol	9.904	122	162083	10.784	ng		93
28) bis(2-Chloroethoxy)met...	10.151	93	323800	10.551	ng		99
29) 2,4-Dichlorophenol	10.369	162	183363	9.565	ng		99
30) 1,2,4-Trichlorobenzene	10.586	180	219978	10.159	ng		99
31) Naphthalene	10.775	128	729237	10.054	ng		99
32) Benzoic acid	9.975	122	91508	11.442	ng		95
33) 4-Chloroaniline	10.892	127	309136	10.370	ng		99
34) Hexachlorobutadiene	11.051	225	117449	9.946	ng		98
35) Caprolactam	11.663	113	62974	8.010	ng		98
36) 4-Chloro-3-methylphenol	12.010	107	216974	9.242	ng		99
37) 2-Methylnaphthalene	12.386	142	496771	9.821	ng		99
38) 1-Methylnaphthalene	12.604	142	486297	9.631	ng		100
40) 1,2,4,5-Tetrachloroben...	12.751	216	242765	10.753	ng		100
41) Hexachlorocyclopentadiene	12.721	237	87317	11.759	ng		95
43) 2,4,6-Trichlorophenol	12.998	196	144118	9.446	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.063	196	162002	9.306	ng	99
46) 1,1'-Biphenyl	13.404	154	664345	10.613	ng	100
47) 2-Chloronaphthalene	13.439	162	511209	10.240	ng	100
48) 2-Nitroaniline	13.651	65	144627	8.907	ng	97
49) Acenaphthylene	14.286	152	819772	10.742	ng	100
50) Dimethylphthalate	14.033	163	627329	10.146	ng	100
51) 2,6-Dinitrotoluene	14.151	165	121477	8.938	ng	96
52) Acenaphthene	14.627	154	483724	9.999	ng	99
53) 3-Nitroaniline	14.480	138	140999	8.936	ng	96
54) 2,4-Dinitrophenol	14.680	184	40229	11.752	ng	98
55) Dibenzofuran	14.963	168	785052	10.428	ng	98
56) 4-Nitrophenol	14.780	139	112371	8.149	ng	99
57) 2,4-Dinitrotoluene	14.933	165	152714	8.072	ng	94
58) Fluorene	15.615	166	635915	10.002	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.186	232	143198	9.542	ng	97
60) Diethylphthalate	15.398	149	626282	9.784	ng	99
61) 4-Chlorophenyl-phenyle...	15.615	204	299996	10.114	ng	99
62) 4-Nitroaniline	15.639	138	144802	8.393	ng	98
63) Azobenzene	15.910	77	637169	9.966	ng	98
65) 4,6-Dinitro-2-methylph...	15.692	198	61510	11.287	ng	89
66) n-Nitrosodiphenylamine	15.833	169	538157	10.605	ng	99
67) 4-Bromophenyl-phenylether	16.509	248	117275	6.988	ng	95
68) Hexachlorobenzene	16.609	284	199463	9.968	ng	99
69) Atrazine	16.786	200	171579	12.221	ng	99
70) Pentachlorophenol	16.956	266	100582	7.655	ng	99
71) Phenanthrene	17.356	178	1006288	10.605	ng	100
72) Anthracene	17.451	178	967661	10.416	ng	99
73) Carbazole	17.727	167	949787	9.872	ng	99
74) Di-n-butylphthalate	18.303	149	1036484	9.823	ng	99
75) Fluoranthene	19.380	202	1133884	9.663	ng	98
77) Benzidine	19.574	184	438152	18.874	ng	99
78) Pyrene	19.739	202	1206116	9.590	ng	100
80) Butylbenzylphthalate	20.662	149	499985	10.039	ng	99
81) Benzo(a)anthracene	21.497	228	1342069	10.455	ng	99
82) 3,3'-Dichlorobenzidine	21.439	252	440727	10.738	ng	99
83) Chrysene	21.550	228	1242889	10.107	ng	99
84) Bis(2-ethylhexyl)phtha...	21.450	149	733740	9.907	ng	100
85) Di-n-octyl phthalate	22.391	149	1213271	9.509	ng	100
87) Indeno(1,2,3-cd)pyrene	26.421	276	1645578	10.280	ng	99
88) Benzo(b)fluoranthene	23.191	252	1417696	10.535	ng	99
89) Benzo(k)fluoranthene	23.238	252	1321429	10.235	ng	98
90) Benzo(a)pyrene	23.815	252	1170999	9.845	ng	99
91) Dibenzo(a,h)anthracene	26.450	278	1379900	10.452	ng	99
92) Benzo(g,h,i)perylene	27.185	276	1318523	9.792	ng	99

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

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