Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020224\
Data File : BP019523.D
Acq On : 02 Feb 2024 12:08
Operator : MA/JU
Sample : 04699-02
Misc : LOQ-SOIL-10PPM
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 02 12:43:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 01 00:51:48 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2023

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.911	152	63333	20.000	ng		0.00
21) Naphthalene-d8	10.716	136	231582	20.000	ng		0.00
39) Acenaphthene-d10	14.545	164	135727	20.000	ng		0.00
64) Phenanthrene-d10	17.304	188	301754	20.000	ng		0.00
76) Chrysene-d12	21.392	240	353754	20.000	ng		0.00
86) Perylene-d12	23.816	264	435067	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	566010	144.058	ng		0.00
7) Phenol-d6	7.081	99	719278	135.770	ng		0.00
23) Nitrobenzene-d5	9.081	82	443737	83.028	ng		0.00
42) 2,4,6-Tribromophenol	16.040	330	294177	148.446	ng		0.00
45) 2-Fluorobiphenyl	13.175	172	926737	84.409	ng		0.00
79) Terphenyl-d14	19.869	244	1665079	77.407	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.387	88	17854	11.794	ng		99
3) Pyridine	3.787	79	39882	9.718	ng		98
4) n-Nitrosodimethylamine	3.705	42	19099	10.689	ng	#	92
6) Aniline	7.246	93	62553	12.152	ng		98
8) 2-Chlorophenol	7.475	128	41827	10.369	ng		97
9) Benzaldehyde	7.058	77	42618	11.474	ng		97
10) Phenol	7.105	94	54734	10.366	ng		95
11) bis(2-Chloroethyl)ether	7.352	93	42856	10.432	ng		98
12) 1,3-Dichlorobenzene	7.799	146	51530	10.440	ng		97
13) 1,4-Dichlorobenzene	7.946	146	52208	10.440	ng		99
14) 1,2-Dichlorobenzene	8.263	146	49375	10.205	ng		97
15) Benzyl Alcohol	8.158	79	43111	10.185	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.452	45	43248	10.528	ng		95
17) 2-Methylphenol	8.358	107	35291	9.928	ng		90
18) Hexachloroethane	8.987	117	19031	9.818	ng		92
19) n-Nitroso-di-n-propyla...	8.728	70	34665	9.580	ng		96
20) 3+4-Methylphenols	8.687	107	47187	9.726	ng		98
22) Acetophenone	8.740	105	68642	10.404	ng	#	98
24) Nitrobenzene	9.122	77	56157	10.436	ng		97
25) Isophorone	9.646	82	88743	9.534	ng		98
26) 2-Nitrophenol	9.828	139	18840	9.182	ng		94
27) 2,4-Dimethylphenol	9.893	122	31723	12.092	ng		99
28) bis(2-Chloroethoxy)met...	10.140	93	52300	9.931	ng		96
29) 2,4-Dichlorophenol	10.357	162	40483	10.208	ng		94
30) 1,2,4-Trichlorobenzene	10.575	180	49907	10.263	ng		98
31) Naphthalene	10.763	128	132519	10.434	ng		99
32) Benzoic acid	9.963	122	20065m	7.850	ng		
33) 4-Chloroaniline	10.881	127	50012	10.647	ng		97
34) Hexachlorobutadiene	11.040	225	36226	10.053	ng		95
35) Caprolactam	11.646	113	11104	9.890	ng		98
36) 4-Chloro-3-methylphenol	11.999	107	40723	9.417	ng		96
37) 2-Methylnaphthalene	12.375	142	85771	9.758	ng		100
38) 1-Methylnaphthalene	12.587	142	85101	9.852	ng		97
40) 1,2,4,5-Tetrachloroben...	12.734	216	57967	11.074	ng		99
41) Hexachlorocyclopentadiene	12.704	237	32416	13.708	ng		98
43) 2,4,6-Trichlorophenol	12.981	196	31106	9.814	ng		94

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.046	196	34178	9.820	ng		98
46)	1,1'-Biphenyl	13.387	154	116068	10.714	ng		99
47)	2-Chloronaphthalene	13.422	162	93560	10.521	ng		98
48)	2-Nitroaniline	13.634	65	23350	9.391	ng		98
49)	Acenaphthylene	14.269	152	141688	11.357	ng		99
50)	Dimethylphthalate	14.016	163	109565	10.545	ng		99
51)	2,6-Dinitrotoluene	14.134	165	22199	9.724	ng		97
52)	Acenaphthene	14.610	154	81029	10.465	ng		100
53)	3-Nitroaniline	14.457	138	22146	10.556	ng	#	95
54)	2,4-Dinitrophenol	14.663	184	10387	8.763	ng		88
55)	Dibenzofuran	14.945	168	136102	10.792	ng		98
56)	4-Nitrophenol	14.757	139	18245	10.610	ng		96
57)	2,4-Dinitrotoluene	14.916	165	28453	9.511	ng		94
58)	Fluorene	15.598	166	107706	10.723	ng		97
59)	2,3,4,6-Tetrachlorophenol	15.169	232	30163	10.303	ng		98
60)	Diethylphthalate	15.381	149	105849	10.242	ng		99
61)	4-Chlorophenyl-phenyle...	15.598	204	59553	10.549	ng		98
62)	4-Nitroaniline	15.622	138	23090	10.500	ng		96
63)	Azobenzene	15.892	77	104109	10.417	ng		98
65)	4,6-Dinitro-2-methylph...	15.675	198	13573	7.888	ng		98
66)	n-Nitrosodiphenylamine	15.810	169	92093	10.190	ng		96
67)	4-Bromophenyl-phenylether	16.498	248	36071	9.562	ng		96
68)	Hexachlorobenzene	16.592	284	43972	9.982	ng		100
69)	Atrazine	16.775	200	37332	12.449	ng		95
70)	Pentachlorophenol	16.939	266	24080	8.778	ng		93
71)	Phenanthrene	17.345	178	172588	10.868	ng		98
72)	Anthracene	17.434	178	169884	10.724	ng		100
73)	Carbazole	17.710	167	155449	10.802	ng		98
74)	Di-n-butylphthalate	18.275	149	183035	10.519	ng		100
75)	Fluoranthene	19.310	202	220403	11.361	ng		100
77)	Benzidine	19.498	184	125770	17.006	ng		99
78)	Pyrene	19.663	202	230406	9.229	ng		99
80)	Butylbenzylphthalate	20.557	149	85561	9.177	ng		98
81)	Benzo(a)anthracene	21.375	228	262601	10.546	ng		100
82)	3,3'-Dichlorobenzidine	21.316	252	102118	11.254	ng		99
83)	Chrysene	21.427	228	242699	10.266	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.327	149	137409	9.678	ng		98
85)	Di-n-octyl phthalate	22.274	149	242873	9.723	ng		99
87)	Indeno(1,2,3-cd)pyrene	26.333	276	338753	10.172	ng		100
88)	Benzo(b)fluoranthene	23.074	252	280680	10.236	ng		99
89)	Benzo(k)fluoranthene	23.127	252	265654	10.142	ng		99
90)	Benzo(a)pyrene	23.704	252	244705	10.030	ng	#	98
91)	Dibenzo(a,h)anthracene	26.368	278	278063	10.152	ng		98
92)	Benzo(g,h,i)perylene	27.115	276	269194	9.688	ng		99

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

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