Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111822\
Data File : BP012673.D
Acq On : 18 Nov 2022 15:34
Operator : CG/JU
Sample : N4955-02
Misc : LOQ-SOIL-10ppm
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 21 03:43:09 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 21 03:25:56 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.046	152	218824	20.000	ng		0.00
21) Naphthalene-d8	10.863	136	973375	20.000	ng		0.00
39) Acenaphthene-d10	14.681	164	664732	20.000	ng		0.00
64) Phenanthrene-d10	17.439	188	1490817	20.000	ng		0.00
76) Chrysene-d12	21.522	240	1572031	20.000	ng		0.00
86) Perylene-d12	24.051	264	1535673	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.581	112	1112965	91.919	ng		0.00
7) Phenol-d6	7.187	99	1587222	94.124	ng		0.00
23) Nitrobenzene-d5	9.210	82	1236869	79.895	ng		0.00
42) 2,4,6-Tribromophenol	16.169	330	730514	96.030	ng		0.00
45) 2-Fluorobiphenyl	13.310	172	3368747	76.253	ng		0.00
79) Terphenyl-d14	19.986	244	5754021	79.084	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.446	88	55466	11.406	ng		98
3) Pyridine	3.858	79	154965	10.095	ng		99
4) n-Nitrosodimethylamine	3.764	42	72722	11.094	ng	#	84
6) Aniline	7.364	93	253600	11.938	ng		99
8) 2-Chlorophenol	7.605	128	180661	12.083	ng		98
9) Benzaldehyde	7.175	77	164643	16.741	ng		98
10) Phenol	7.216	94	221190	11.643	ng		98
11) bis(2-Chloroethyl)ether	7.463	93	186545	12.327	ng		98
12) 1,3-Dichlorobenzene	7.934	146	209047	12.599	ng		97
13) 1,4-Dichlorobenzene	8.081	146	215367	12.729	ng		99
14) 1,2-Dichlorobenzene	8.405	146	211182	13.006	ng		99
15) Benzyl Alcohol	8.281	79	131249	10.446	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.575	45	274373	12.850	ng		98
17) 2-Methylphenol	8.481	107	148529	11.275	ng		97
18) Hexachloroethane	9.140	117	74972	13.260	ng		98
19) n-Nitroso-di-n-propyla...	8.852	70	128201	11.185	ng		96
20) 3+4-Methylphenols	8.805	107	197690	10.712	ng		99
22) Acetophenone	8.869	105	311899	12.837	ng	#	98
24) Nitrobenzene	9.252	77	214131	12.809	ng		98
25) Isophorone	9.781	82	427084	12.264	ng		99
26) 2-Nitrophenol	9.969	139	67538	9.317	ng		97
27) 2,4-Dimethylphenol	10.022	122	159857	11.685	ng		99
28) bis(2-Chloroethoxy)met...	10.269	93	262207	13.239	ng		99
29) 2,4-Dichlorophenol	10.499	162	176198	11.081	ng		96
30) 1,2,4-Trichlorobenzene	10.722	180	208072	12.191	ng		99
31) Naphthalene	10.916	128	650432	12.155	ng		100
32) Benzoic acid	10.093	122	94920m	8.862	ng		
33) 4-Chloroaniline	11.016	127	246377	11.051	ng		99
34) Hexachlorobutadiene	11.204	225	128025	12.696	ng		100
35) Caprolactam	11.769	113	50095	9.676	ng		89
36) 4-Chloro-3-methylphenol	12.128	107	186420	10.922	ng		99
37) 2-Methylnaphthalene	12.516	142	468558	12.244	ng		99
38) 1-Methylnaphthalene	12.734	142	447688	11.905	ng		99
40) 1,2,4,5-Tetrachloroben...	12.881	216	253912	13.097	ng		99
41) Hexachlorocyclopentadiene	12.863	237	105719	14.337	ng		98
43) 2,4,6-Trichlorophenol	13.110	196	146303	10.599	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.175	196	164670	10.783	ng		98
46)	1,1'-Biphenyl	13.516	154	645199	12.980	ng		98
47)	2-Chloronaphthalene	13.557	162	492757	12.484	ng		97
48)	2-Nitroaniline	13.757	65	67262	8.515	ng		97
49)	Acenaphthylene	14.404	152	779790	12.105	ng		99
50)	Dimethylphthalate	14.134	163	600594	11.471	ng		100
51)	2,6-Dinitrotoluene	14.245	165	99133	10.797	ng		91
52)	Acenaphthene	14.745	154	488273	11.877	ng		97
53)	3-Nitroaniline	14.575	138	100789	9.586	ng		97
54)	2,4-Dinitrophenol	14.775	184	46585	9.137	ng		99
55)	Dibenzofuran	15.081	168	780177	12.571	ng		98
56)	4-Nitrophenol	14.863	139	91905	9.338	ng		91
57)	2,4-Dinitrotoluene	15.034	165	120810	9.892	ng		94
58)	Fluorene	15.728	166	632433	12.947	ng		100
59)	2,3,4,6-Tetrachlorophenol	15.298	232	150273	10.930	ng		98
60)	Diethylphthalate	15.498	149	561884	10.909	ng		100
61)	4-Chlorophenyl-phenyle...	15.722	204	309948	13.200	ng		97
62)	4-Nitroaniline	15.734	138	91065	8.853	ng		93
63)	Azobenzene	16.016	77	596546	12.677	ng		98
65)	4,6-Dinitro-2-methylph...	15.792	198	61392	8.386	ng		92
66)	n-Nitrosodiphenylamine	15.934	169	507210	11.416	ng		98
67)	4-Bromophenyl-phenylether	16.622	248	172914	11.092	ng		95
68)	Hexachlorobenzene	16.734	284	221928	12.276	ng		97
69)	Atrazine	16.892	200	133807	11.430	ng		99
70)	Pentachlorophenol	17.075	266	123131	10.494	ng		98
71)	Phenanthrene	17.481	178	1028820	12.166	ng		99
72)	Anthracene	17.569	178	1012509	12.410	ng		99
73)	Carbazole	17.834	167	934817	12.065	ng		99
74)	Di-n-butylphthalate	18.392	149	747314	9.251	ng		98
75)	Fluoranthene	19.433	202	1200881	11.987	ng		99
77)	Benzidine	19.610	184	183860	8.508	ng		98
78)	Pyrene	19.786	202	1242756	11.186	ng		99
80)	Butylbenzylphthalate	20.663	149	121124	6.041	ng		98
81)	Benzo(a)anthracene	21.504	228	1254364	11.382	ng		99
82)	3,3'-Dichlorobenzidine	21.433	252	201854	7.277	ng		97
83)	Chrysene	21.557	228	1215103	11.627	ng		98
84)	Bis(2-ethylhexyl)phtha...	21.433	149	212247	5.841	ng		99
85)	Di-n-octyl phthalate	22.410	149	374228	4.868	ng	#	86
87)	Indeno(1,2,3-cd)pyrene	26.715	276	1246793	11.152	ng		100
88)	Benzo(b)fluoranthene	23.274	252	1233665	12.134	ng		99
89)	Benzo(k)fluoranthene	23.327	252	1227955	12.156	ng		99
90)	Benzo(a)pyrene	23.939	252	1009485	11.965	ng		99
91)	Dibenzo(a,h)anthracene	26.739	278	1109938	12.006	ng		99
92)	Benzo(g,h,i)perylene	27.527	276	1044762	11.635	ng		99

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

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