Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091622\
Data File : BP011725.D
Acq On : 16 Sep 2022 10:53
Operator : CG/JU
Sample : N3980-02
Misc : LOQ-SOIL-10NG
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 16 15:46:31 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 16 15:46:03 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.934	152	487857	20.000	ng		-0.01
21) Naphthalene-d8	10.746	136	2034076	20.000	ng		#-0.01
39) Acenaphthene-d10	14.575	164	1174235	20.000	ng		-0.01
64) Phenanthrene-d10	17.328	188	2247555	20.000	ng		# 0.00
76) Chrysene-d12	21.410	240	1945436	20.000	ng		# 0.00
86) Perylene-d12	23.863	264	1812066	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	2523466	94.151	ng		0.00
7) Phenol-d6	7.093	99	3414636	95.574	ng		0.00
23) Nitrobenzene-d5	9.099	82	2383515	69.496	ng		-0.01
42) 2,4,6-Tribromophenol	16.063	330	829419	90.403	ng		-0.01
45) 2-Fluorobiphenyl	13.198	172	5184334	68.630	ng		-0.01
79) Terphenyl-d14	19.880	244	6400446	71.543	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.375	88	111501	9.446	ng	#	82
3) Pyridine	3.787	79	270028	7.935	ng	#	79
4) n-Nitrosodimethylamine	3.693	42	117818	9.031	ng	#	47
6) Aniline	7.258	93	449030	10.203	ng		90
8) 2-Chlorophenol	7.493	128	297587	9.364	ng		94
9) Benzaldehyde	7.069	77	258620	11.309	ng		94
10) Phenol	7.116	94	375835	9.353	ng		84
11) bis(2-Chloroethyl)ether	7.357	93	300946	9.401	ng		91
12) 1,3-Dichlorobenzene	7.822	146	320890	9.105	ng		95
13) 1,4-Dichlorobenzene	7.969	146	332032	9.264	ng		97
14) 1,2-Dichlorobenzene	8.287	146	318283	9.315	ng		98
15) Benzyl Alcohol	8.175	79	233215	9.144	ng	#	91
16) 2,2'-oxybis(1-Chloropr...	8.469	45	415644	9.721	ng		92
17) 2-Methylphenol	8.375	107	232669	8.918	ng	#	91
18) Hexachloroethane	9.022	117	110358	8.902	ng		93
19) n-Nitroso-di-n-propyla...	8.746	70	212748	9.197	ng	#	86
20) 3+4-Methylphenols	8.704	107	307079	8.570	ng		93
22) Acetophenone	8.757	105	455016	9.542	ng	#	89
24) Nitrobenzene	9.140	77	331191	9.281	ng		92
25) Isophorone	9.669	82	552109	9.100	ng		95
26) 2-Nitrophenol	9.857	139	106628	7.284	ng	#	84
27) 2,4-Dimethylphenol	9.910	122	252180	9.942	ng		89
28) bis(2-Chloroethoxy)met...	10.151	93	399150	10.288	ng		99
29) 2,4-Dichlorophenol	10.387	162	234175	8.334	ng		98
30) 1,2,4-Trichlorobenzene	10.604	180	269408	8.660	ng		98
31) Naphthalene	10.793	128	953153	9.030	ng		99
32) Benzoic acid	10.004	122	182696	9.625	ng		91
33) 4-Chloroaniline	10.904	127	378723	9.145	ng	#	92
34) Hexachlorobutadiene	11.081	225	143824	8.393	ng		97
35) Caprolactam	11.681	113	63903	7.019	ng	#	72
36) 4-Chloro-3-methylphenol	12.022	107	259721	8.595	ng		96
37) 2-Methylnaphthalene	12.404	142	627270	8.880	ng		98
38) 1-Methylnaphthalene	12.622	142	605473	8.767	ng		98
40) 1,2,4,5-Tetrachloroben...	12.769	216	276350	8.917	ng		97
41) Hexachlorocyclopentadiene	12.751	237	145836	9.428	ng		99
43) 2,4,6-Trichlorophenol	13.004	196	163216	7.742	ng		97

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.075	196	185625	7.875	ng	#	97
46)	1,1'-Biphenyl	13.410	154	818029	9.576	ng		99
47)	2-Chloronaphthalene	13.451	162	606274	9.021	ng		99
48)	2-Nitroaniline	13.651	65	144548	7.669	ng		94
49)	Acenaphthylene	14.298	152	913385	8.783	ng		99
50)	Dimethylphthalate	14.034	163	705267	8.609	ng		100
51)	2,6-Dinitrotoluene	14.145	165	134863	8.119	ng		95
52)	Acenaphthene	14.639	154	612160m	8.849	ng		
53)	3-Nitroaniline	14.475	138	145690	7.605	ng		94
54)	2,4-Dinitrophenol	14.681	184	63766	7.880	ng		93
55)	Dibenzofuran	14.975	168	906114	9.096	ng		99
56)	4-Nitrophenol	14.775	139	119729	7.418	ng	#	80
57)	2,4-Dinitrotoluene	14.934	165	161564	7.509	ng	#	89
58)	Fluorene	15.622	166	718760	8.896	ng		97
59)	2,3,4,6-Tetrachlorophenol	15.198	232	140768	7.270	ng		90
60)	Diethylphthalate	15.392	149	695154	8.524	ng		98
61)	4-Chlorophenyl-phenyle...	15.616	204	327677	8.773	ng		99
62)	4-Nitroaniline	15.639	138	142676	7.410	ng	#	84
63)	Azobenzene	15.910	77	683461	8.720	ng		92
65)	4,6-Dinitro-2-methylph...	15.692	198	91388	8.314	ng		92
66)	n-Nitrosodiphenylamine	15.834	169	602786	9.014	ng		98
67)	4-Bromophenyl-phenylether	16.516	248	173046	8.225	ng		95
68)	Hexachlorobenzene	16.628	284	187826	8.289	ng		94
69)	Atrazine	16.786	200	176226	8.633	ng		95
70)	Pentachlorophenol	16.975	266	120737	8.399	ng		98
71)	Phenanthrene	17.369	178	1086535	8.884	ng		98
72)	Anthracene	17.463	178	1030363	8.908	ng		99
73)	Carbazole	17.728	167	975933	8.944	ng		100
74)	Di-n-butylphthalate	18.280	149	1031743	7.845	ng		99
75)	Fluoranthene	19.333	202	1102891	8.362	ng		96
77)	Benzidine	19.510	184	484680	10.476	ng		99
78)	Pyrene	19.686	202	1165904	8.886	ng		98
80)	Butylbenzylphthalate	20.557	149	400492	7.284	ng		95
81)	Benzo(a)anthracene	21.392	228	1090991	8.701	ng		98
82)	3,3'-Dichlorobenzidine	21.327	252	349661	9.181	ng	#	98
83)	Chrysene	21.445	228	1036658	8.653	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.316	149	591967	7.484	ng	#	98
85)	Di-n-octyl phthalate	22.257	149	908232	6.691	ng		95
87)	Indeno(1,2,3-cd)pyrene	26.421	276	1049786	8.041	ng	#	89
88)	Benzo(b)fluoranthene	23.110	252	1016287	9.068	ng	#	96
89)	Benzo(k)fluoranthene	23.157	252	1011462	8.956	ng	#	96
90)	Benzo(a)pyrene	23.751	252	836499	9.035	ng	#	96
91)	Dibenzo(a,h)anthracene	26.439	278	933085	8.608	ng	#	94
92)	Benzo(g,h,i)perylene	27.204	276	885927	8.383	ng	#	91

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

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