Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091922\
Data File : BP011731.D
Acq On : 19 Sep 2022 11:38
Operator : CG/JU
Sample : N3980-03
Misc : MDL-MDL-SOIL-4ppm
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 19 13:46:50 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 19 13:46:28 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/20/2022
Supervised By :Jagrut Upadhyay 09/22/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	422423	20.000	ng	-0.01
21) Naphthalene-d8	10.746	136	1666979	20.000	ng	-0.01
39) Acenaphthene-d10	14.575	164	934705	20.000	ng	-0.01
64) Phenanthrene-d10	17.328	188	1798999	20.000	ng	# 0.00
76) Chrysene-d12	21.410	240	1607649	20.000	ng	# 0.00
86) Perylene-d12	23.863	264	1519186	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	2403305	103.558	ng	0.00
7) Phenol-d6	7.093	99	3162974	102.243	ng	0.00
23) Nitrobenzene-d5	9.105	82	2144499	76.296	ng	0.00
42) 2,4,6-Tribromophenol	16.063	330	692127	94.770	ng	-0.01
45) 2-Fluorobiphenyl	13.204	172	4590179	76.336	ng	0.00
79) Terphenyl-d14	19.881	244	5797481	78.419	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.375	88	40270	3.940	ng	# 85
3) Pyridine	3.799	79	80735	2.740	ng	# 80
4) n-Nitrosodimethylamine	3.693	42	41698	3.692	ng	# 52
6) Aniline	7.264	93	146221	3.837	ng	# 88
8) 2-Chlorophenol	7.499	128	101171	3.677	ng	92
9) Benzaldehyde	7.075	77	92937	4.693	ng	95
10) Phenol	7.116	94	128311	3.688	ng	92
11) bis(2-Chloroethyl)ether	7.358	93	101217	3.652	ng	93
12) 1,3-Dichlorobenzene	7.822	146	112655m	3.692	ng	
13) 1,4-Dichlorobenzene	7.969	146	115356	3.717	ng	97
14) 1,2-Dichlorobenzene	8.293	146	111908	3.783	ng	95
15) Benzyl Alcohol	8.175	79	74031	3.352	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.475	45	147632	3.988	ng	93
17) 2-Methylphenol	8.381	107	72300	3.200	ng	92
18) Hexachloroethane	9.022	117	39346	3.665	ng	90
19) n-Nitroso-di-n-propyla...	8.746	70	67957	3.393	ng	# 84
20) 3+4-Methylphenols	8.705	107	94312	3.040	ng	94
22) Acetophenone	8.763	105	144402	3.695	ng	# 91
24) Nitrobenzene	9.146	77	118208	4.042	ng	92
25) Isophorone	9.675	82	165921	3.337	ng	97
26) 2-Nitrophenol	9.857	139	30314	2.527	ng	91
27) 2,4-Dimethylphenol	9.916	122	74479	3.583	ng	88
28) bis(2-Chloroethoxy)met...	10.157	93	127021	3.995	ng	99
29) 2,4-Dichlorophenol	10.393	162	66587	2.892	ng	99
30) 1,2,4-Trichlorobenzene	10.610	180	89858	3.525	ng	99
31) Naphthalene	10.799	128	317269	3.668	ng	99
33) 4-Chloroaniline	10.910	127	113063	3.331	ng	93
34) Hexachlorobutadiene	11.087	225	47990	3.417	ng	98
35) Caprolactam	11.681	113	15313	2.052	ng	# 82
36) 4-Chloro-3-methylphenol	12.022	107	72893	2.943	ng	95
37) 2-Methylnaphthalene	12.404	142	200559	3.464	ng	96
38) 1-Methylnaphthalene	12.622	142	191325	3.380	ng	100
40) 1,2,4,5-Tetrachloroben...	12.769	216	89829	3.641	ng	98
41) Hexachlorocyclopentadiene	12.751	237	44166	3.587	ng	98
43) 2,4,6-Trichlorophenol	13.010	196	43189	2.574	ng	99
44) 2,4,5-Trichlorophenol	13.075	196	53552	2.854	ng	96

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	1,1'-Biphenyl	13.410	154	266363	3.917	ng		99
47)	2-Chloronaphthalene	13.451	162	197670	3.695	ng		98
48)	2-Nitroaniline	13.657	65	37465	2.497	ng		90
49)	Acenaphthylene	14.298	152	262890	3.176	ng		99
50)	Dimethylphthalate	14.034	163	216911	3.326	ng		98
51)	2,6-Dinitrotoluene	14.146	165	32834	2.483	ng		94
52)	Acenaphthene	14.640	154	186244m	3.382	ng		
53)	3-Nitroaniline	14.481	138	35271	2.313	ng	#	96
55)	Dibenzofuran	14.975	168	290675	3.666	ng		97
57)	2,4-Dinitrotoluene	14.934	165	37514	2.190	ng		95
58)	Fluorene	15.622	166	223119	3.469	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.198	232	39310m	2.550	ng		
60)	Diethylphthalate	15.393	149	211453	3.257	ng		96
61)	4-Chlorophenyl-phenyle...	15.622	204	102648	3.453	ng		99
62)	4-Nitroaniline	15.640	138	31737	2.071	ng	#	84
63)	Azobenzene	15.910	77	190446	3.053	ng		91
66)	n-Nitrosodiphenylamine	15.834	169	179777	3.359	ng		96
67)	4-Bromophenyl-phenylether	16.516	248	52595	3.123	ng		93
68)	Hexachlorobenzene	16.628	284	60547	3.338	ng	#	91
69)	Atrazine	16.787	200	49233	3.013	ng		94
70)	Pentachlorophenol	16.975	266	24215	2.105	ng		96
71)	Phenanthrene	17.369	178	349045	3.566	ng		99
72)	Anthracene	17.463	178	308525	3.332	ng		99
73)	Carbazole	17.734	167	286416	3.279	ng		99
74)	Di-n-butylphthalate	18.281	149	286833	2.725	ng		99
75)	Fluoranthene	19.333	202	341850	3.238	ng		96
77)	Benzidine	19.516	184	117421	3.071	ng		99
78)	Pyrene	19.686	202	360952	3.329	ng		99
80)	Butylbenzylphthalate	20.557	149	107827	2.373	ng		96
81)	Benzo(a)anthracene	21.392	228	345613	3.335	ng		97
82)	3,3'-Dichlorobenzidine	21.327	252	100521	3.194	ng	#	97
83)	Chrysene	21.445	228	345216	3.487	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.316	149	155211	2.375	ng	#	96
85)	Di-n-octyl phthalate	22.257	149	231932	2.068	ng		99
87)	Indeno(1,2,3-cd)pyrene	26.421	276	339436	3.101	ng	#	88
88)	Benzo(b)fluoranthene	23.110	252	324890	3.458	ng	#	95
89)	Benzo(k)fluoranthene	23.157	252	323548	3.417	ng	#	95
90)	Benzo(a)pyrene	23.751	252	263296	3.392	ng	#	95
91)	Dibenzo(a,h)anthracene	26.439	278	299837	3.299	ng	#	90
92)	Benzo(g,h,i)perylene	27.204	276	296303	3.344	ng	#	88

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

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