Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091522\
Data File : BP011711.D
Acq On : 15 Sep 2022 17:29
Operator : CG/JU
Sample : N3980-02
Misc : LOQ--SOIL-10NG
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 15 17:53:23 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 15 16:01:44 2022
Response via : Initial Calibration

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

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.946	152	386907	20.000	ng		0.00
21) Naphthalene-d8	10.757	136	1537050	20.000	ng	#	0.00
39) Acenaphthene-d10	14.587	164	867809	20.000	ng		0.00
64) Phenanthrene-d10	17.339	188	1646230	20.000	ng	#	0.00
76) Chrysene-d12	21.416	240	1492174	20.000	ng	#	0.00
86) Perylene-d12	23.874	264	1443162	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.499	112	2162673	101.743	ng		0.00
7) Phenol-d6	7.099	99	2814312	99.324	ng		0.00
23) Nitrobenzene-d5	9.110	82	1912567	73.796	ng		0.00
42) 2,4,6-Tribromophenol	16.075	330	670618	98.904	ng		0.00
45) 2-Fluorobiphenyl	13.210	172	4184377	74.951	ng		0.00
79) Terphenyl-d14	19.892	244	5217158	76.031	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.381	88	103035	11.007	ng	#	81
3) Pyridine	3.793	79	240142	8.898	ng	#	78
4) n-Nitrosodimethylamine	3.693	42	103412	9.995	ng	#	52
6) Aniline	7.269	93	377162	10.806	ng		91
8) 2-Chlorophenol	7.505	128	256220	10.166	ng		93
9) Benzaldehyde	7.081	77	219638	12.110	ng		90
10) Phenol	7.128	94	321418	10.085	ng		82
11) bis(2-Chloroethyl)ether	7.363	93	260033	10.242	ng		94
12) 1,3-Dichlorobenzene	7.834	146	286897	10.264	ng	#	92
13) 1,4-Dichlorobenzene	7.981	146	290586	10.223	ng		97
14) 1,2-Dichlorobenzene	8.299	146	278299	10.270	ng		97
15) Benzyl Alcohol	8.187	79	198215	9.799	ng		91
16) 2,2'-oxybis(1-Chloropr...	8.481	45	353618	10.428	ng		92
17) 2-Methylphenol	8.387	107	197467	9.543	ng	#	92
18) Hexachloroethane	9.034	117	99283	10.098	ng		93
19) n-Nitroso-di-n-propyla...	8.757	70	176494	9.620	ng	#	84
20) 3+4-Methylphenols	8.710	107	259117	9.118	ng		93
22) Acetophenone	8.769	105	379780	10.540	ng	#	89
24) Nitrobenzene	9.152	77	280394	10.398	ng	#	89
25) Isophorone	9.681	82	453526	9.892	ng		94
26) 2-Nitrophenol	9.863	139	89039	8.049	ng	#	83
27) 2,4-Dimethylphenol	9.922	122	210012	10.957	ng		90
28) bis(2-Chloroethoxy)met...	10.163	93	331061	11.293	ng		98
29) 2,4-Dichlorophenol	10.399	162	198560	9.351	ng		98
30) 1,2,4-Trichlorobenzene	10.616	180	235080	10.000	ng		99
31) Naphthalene	10.804	128	807713	10.126	ng		99
32) Benzoic acid	10.016	122	209835	14.629	ng		87
33) 4-Chloroaniline	10.916	127	313274	10.011	ng	#	91
34) Hexachlorobutadiene	11.093	225	128115	9.894	ng		96
35) Caprolactam	11.693	113	53111	7.720	ng	#	75
36) 4-Chloro-3-methylphenol	12.034	107	210472	9.217	ng		94
37) 2-Methylnaphthalene	12.416	142	527739	9.886	ng		97
38) 1-Methylnaphthalene	12.634	142	501903	9.617	ng		99
40) 1,2,4,5-Tetrachloroben...	12.775	216	237135	10.354	ng		97
41) Hexachlorocyclopentadiene	12.763	237	128985	11.283	ng		100
43) 2,4,6-Trichlorophenol	13.016	196	138017	8.859	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.087	196	155378	8.920	ng		98
46) 1,1'-Biphenyl	13.422	154	680837	10.784	ng		100
47) 2-Chloronaphthalene	13.463	162	504257	10.152	ng		100
48) 2-Nitroaniline	13.663	65	113815	8.171	ng		91
49) Acenaphthylene	14.304	152	741778	9.651	ng		100
50) Dimethylphthalate	14.039	163	585986	9.679	ng		100
51) 2,6-Dinitrotoluene	14.157	165	107207	8.733	ng		92
52) Acenaphthene	14.651	154	514961m	10.073	ng		
53) 3-Nitroaniline	14.487	138	115241	8.140	ng		91
54) 2,4-Dinitrophenol	14.692	184	72355	12.099	ng		84
55) Dibenzofuran	14.986	168	753455	10.234	ng		97
56) 4-Nitrophenol	14.787	139	90351	7.574	ng	#	78
57) 2,4-Dinitrotoluene	14.939	165	128684	8.092	ng		95
58) Fluorene	15.634	166	592353	9.920	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.210	232	119436	8.346	ng		92
60) Diethylphthalate	15.404	149	571074	9.475	ng		98
61) 4-Chlorophenyl-phenyle...	15.628	204	278243	10.080	ng		99
62) 4-Nitroaniline	15.651	138	111527	7.837	ng	#	84
63) Azobenzene	15.922	77	550221	9.499	ng		91
65) 4,6-Dinitro-2-methylph...	15.704	198	90418	11.231	ng		89
66) n-Nitrosodiphenylamine	15.839	169	490293	10.010	ng		96
67) 4-Bromophenyl-phenylether	16.528	248	145906	9.468	ng		96
68) Hexachlorobenzene	16.639	284	158559	9.553	ng		93
69) Atrazine	16.798	200	143680	9.610	ng		97
70) Pentachlorophenol	16.986	266	117964	11.204	ng		100
71) Phenanthrene	17.380	178	889175	9.926	ng		99
72) Anthracene	17.475	178	837698	9.888	ng		99
73) Carbazole	17.739	167	786347	9.839	ng		99
74) Di-n-butylphthalate	18.292	149	847416	8.797	ng		98
75) Fluoranthene	19.345	202	916478	9.487	ng		97
77) Benzidine	19.522	184	422928	11.918	ng		98
78) Pyrene	19.692	202	968986	9.628	ng		99
80) Butylbenzylphthalate	20.569	149	338344	8.023	ng		93
81) Benzo(a)anthracene	21.404	228	929192	9.661	ng		99
82) 3,3'-Dichlorobenzidine	21.333	252	308355	10.556	ng	#	98
83) Chrysene	21.457	228	881785	9.596	ng		99
84) Bis(2-ethylhexyl)phtha...	21.327	149	504049	8.308	ng	#	97
85) Di-n-octyl phthalate	22.268	149	789463	7.583	ng		95
87) Indeno(1,2,3-cd)pyrene	26.451	276	967464	9.305	ng	#	89
88) Benzo(b)fluoranthene	23.121	252	925056	10.364	ng	#	96
89) Benzo(k)fluoranthene	23.174	252	870681	9.680	ng	#	96
90) Benzo(a)pyrene	23.768	252	749507	10.165	ng	#	97
91) Dibenzo(a,h)anthracene	26.462	278	856577	9.922	ng	#	94
92) Benzo(g,h,i)perylene	27.227	276	842600	10.011	ng	#	91

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

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