Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072122\
Data File : BF129298.D
Acq On : 21 Jul 2022 16:00
Operator : CG\JU
Sample : N3214-02
Misc : LOQ-SOIL 10ppm
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 21 16:22:15 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 20 13:42:18 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.892	152	152142	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	586256	20.000	ng		0.00
39) Acenaphthene-d10	9.933	164	308963	20.000	ng		0.00
64) Phenanthrene-d10	11.421	188	535974	20.000	ng	#	0.00
76) Chrysene-d12	14.068	240	403289	20.000	ng		-0.01
86) Perylene-d12	15.562	264	315518	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	1395582	149.613	ng		0.00
7) Phenol-d6	6.528	99	1787220	150.302	ng		0.00
23) Nitrobenzene-d5	7.457	82	969188	88.940	ng		0.00
42) 2,4,6-Tribromophenol	10.727	330	501344	168.188	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	1713252	85.304	ng		0.00
79) Terphenyl-d14	13.015	244	1834424	84.716	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.681	88	39607	9.576	ng		92
3) Pyridine	3.540	79	119405m	10.456	ng		
4) n-Nitrosodimethylamine	3.410	42	53099	10.356	ng		96
6) Aniline	6.563	93	160195	10.949	ng		99
8) 2-Chlorophenol	6.681	128	104118	10.182	ng		98
9) Benzaldehyde	6.445	77	87696	10.751	ng		94
10) Phenol	6.534	94	123917	9.916	ng		79
11) bis(2-Chloroethyl)ether	6.628	93	100615	10.171	ng		95
12) 1,3-Dichlorobenzene	6.834	146	116626	10.582	ng		99
13) 1,4-Dichlorobenzene	6.910	146	116981	10.490	ng		98
14) 1,2-Dichlorobenzene	7.063	146	108674	10.547	ng		96
15) Benzyl Alcohol	7.028	79	102892	11.927	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.163	45	149951	9.943	ng		94
17) 2-Methylphenol	7.139	107	85536	10.264	ng		97
18) Hexachloroethane	7.404	117	45410	10.853	ng	#	86
19) n-Nitroso-di-n-propyla...	7.298	70	76078	10.738	ng		98
20) 3+4-Methylphenols	7.292	107	109627	10.086	ng	#	84
22) Acetophenone	7.298	105	155170	11.273	ng		99
24) Nitrobenzene	7.475	77	116491	10.379	ng		96
25) Isophorone	7.710	82	206008	10.768	ng		98
26) 2-Nitrophenol	7.792	139	54560	10.075	ng		96
27) 2,4-Dimethylphenol	7.822	122	96347m	11.826	ng		
28) bis(2-Chloroethoxy)met...	7.916	93	126061	11.374	ng		97
29) 2,4-Dichlorophenol	8.028	162	86654	10.226	ng		99
30) 1,2,4-Trichlorobenzene	8.116	180	92411	10.493	ng		98
31) Naphthalene	8.198	128	314186	10.449	ng		99
32) Benzoic acid	7.904	122	71438	11.997	ng		96
33) 4-Chloroaniline	8.245	127	128744	10.498	ng		97
34) Hexachlorobutadiene	8.310	225	53434	10.615	ng		100
35) Caprolactam	8.586	113	27660	10.234	ng	#	81
36) 4-Chloro-3-methylphenol	8.716	107	94866	10.537	ng		96
37) 2-Methylnaphthalene	8.886	142	207502	10.650	ng		96
38) 1-Methylnaphthalene	8.986	142	195166	10.353	ng		98
40) 1,2,4,5-Tetrachloroben...	9.051	216	89473	11.031	ng		98
41) Hexachlorocyclopentadiene	9.039	237	43718	12.228	ng		96
43) 2,4,6-Trichlorophenol	9.163	196	60342	10.180	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	66111	10.281	ng		95
46) 1,1'-Biphenyl	9.351	154	254684	11.156	ng		99
47) 2-Chloronaphthalene	9.380	162	196388	10.739	ng		98
48) 2-Nitroaniline	9.469	65	61671	10.041	ng		95
49) Acenaphthylene	9.792	152	315157	11.222	ng		99
50) Dimethylphthalate	9.645	163	221278	10.425	ng		100
51) 2,6-Dinitrotoluene	9.710	165	48644	10.235	ng	#	84
52) Acenaphthene	9.969	154	199076	10.923	ng		99
53) 3-Nitroaniline	9.880	138	52718	9.322	ng		98
54) 2,4-Dinitrophenol	9.992	184	27983	11.635	ng		90
55) Dibenzofuran	10.139	168	270962	10.699	ng		96
56) 4-Nitrophenol	10.033	139	40100	9.710	ng		88
57) 2,4-Dinitrotoluene	10.116	165	65585	10.526	ng		93
58) Fluorene	10.480	166	219338	10.851	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	47173	9.516	ng		89
60) Diethylphthalate	10.351	149	220701	10.807	ng		98
61) 4-Chlorophenyl-phenyle...	10.474	204	100025	11.311	ng		95
62) 4-Nitroaniline	10.492	138	53720	9.618	ng		98
63) Azobenzene	10.633	77	220928	10.456	ng		95
65) 4,6-Dinitro-2-methylph...	10.527	198	29747	9.024	ng		86
66) n-Nitrosodiphenylamine	10.592	169	186374	10.518	ng		96
67) 4-Bromophenyl-phenylether	10.963	248	60920	10.534	ng		93
68) Hexachlorobenzene	11.027	284	67187	10.608	ng		93
69) Atrazine	11.110	200	59699	11.024	ng		94
70) Pentachlorophenol	11.227	266	31531	9.055	ng		100
71) Phenanthrene	11.445	178	309383	10.517	ng		98
72) Anthracene	11.498	178	313289	10.748	ng		98
73) Carbazole	11.651	167	292648	10.763	ng		98
74) Di-n-butylphthalate	11.980	149	339687	10.812	ng		98
75) Fluoranthene	12.639	202	323456	10.789	ng		99
77) Benzidine	12.757	184	154795	9.631	ng		98
78) Pyrene	12.868	202	323179	9.370	ng		98
80) Butylbenzylphthalate	13.480	149	129962	9.234	ng		95
81) Benzo(a)anthracene	14.057	228	274009	9.867	ng		99
82) 3,3'-Dichlorobenzidine	14.021	252	96085	10.541	ng		99
83) Chrysene	14.092	228	256036	9.768	ng		100
84) Bis(2-ethylhexyl)phtha...	14.039	149	168347	9.740	ng		98
85) Di-n-octyl phthalate	14.651	149	233030	9.421	ng		97
87) Indeno(1,2,3-cd)pyrene	17.068	276	182563	8.440	ng		98
88) Benzo(b)fluoranthene	15.115	252	225994	10.761	ng		99
89) Benzo(k)fluoranthene	15.145	252	214173	10.503	ng		98
90) Benzo(a)pyrene	15.492	252	199697	11.753	ng		99
91) Dibenzo(a,h)anthracene	17.080	278	157086	9.010	ng		98
92) Benzo(g,h,i)perylene	17.521	276	155561	8.587	ng		98

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

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