Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072122\
Data File : BF129297.D
Acq On : 21 Jul 2022 15:25
Operator : CG\JU
Sample : N3214-02
Misc : LOQ-SOIL 5ppm
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 21 15:43:25 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	176752	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	675583	20.000	ng		0.00
39) Acenaphthene-d10	9.933	164	360768	20.000	ng		0.00
64) Phenanthrene-d10	11.422	188	616460	20.000	ng		0.00
76) Chrysene-d12	14.068	240	475722	20.000	ng		-0.01
86) Perylene-d12	15.562	264	370962	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	996844	91.987	ng		0.00
7) Phenol-d6	6.522	99	1270487	91.969	ng		0.00
23) Nitrobenzene-d5	7.457	82	862314	68.670	ng		0.00
42) 2,4,6-Tribromophenol	10.727	330	356656	102.468	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	1524322	64.999	ng		0.00
79) Terphenyl-d14	13.016	244	1612410	63.125	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.693	88	19627	4.085	ng		89
3) Pyridine	3.575	79	47444m	3.576	ng		
4) n-Nitrosodimethylamine	3.428	42	26626	4.470	ng		94
6) Aniline	6.557	93	81880	4.817	ng		98
8) 2-Chlorophenol	6.681	128	54455	4.584	ng		91
9) Benzaldehyde	6.445	77	44964	4.745	ng		93
10) Phenol	6.534	94	64136	4.418	ng		97
11) bis(2-Chloroethyl)ether	6.628	93	52301	4.551	ng		93
12) 1,3-Dichlorobenzene	6.834	146	58612	4.578	ng		99
13) 1,4-Dichlorobenzene	6.910	146	59883	4.622	ng		100
14) 1,2-Dichlorobenzene	7.063	146	56615	4.729	ng		98
15) Benzyl Alcohol	7.028	79	58820	5.869	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.163	45	76206	4.350	ng		92
17) 2-Methylphenol	7.134	107	43960	4.540	ng		98
18) Hexachloroethane	7.404	117	22551	4.639	ng		89
19) n-Nitroso-di-n-propyla...	7.292	70	38105	4.629	ng		99
20) 3+4-Methylphenols	7.287	107	57135	4.525	ng	#	90
22) Acetophenone	7.298	105	78962	4.978	ng		98
24) Nitrobenzene	7.475	77	62041	4.797	ng		94
25) Isophorone	7.704	82	104871	4.757	ng		97
26) 2-Nitrophenol	7.787	139	27981	4.484	ng		98
27) 2,4-Dimethylphenol	7.822	122	49062m	5.226	ng		
28) bis(2-Chloroethoxy)met...	7.916	93	64784	5.072	ng		95
29) 2,4-Dichlorophenol	8.028	162	43054	4.409	ng		99
30) 1,2,4-Trichlorobenzene	8.116	180	47862	4.716	ng		97
31) Naphthalene	8.198	128	161231	4.653	ng		99
32) Benzoic acid	7.886	122	38679	5.637	ng		98
33) 4-Chloroaniline	8.245	127	67166	4.753	ng		96
34) Hexachlorobutadiene	8.310	225	27211	4.691	ng		98
35) Caprolactam	8.581	113	13973	4.486	ng	#	75
36) 4-Chloro-3-methylphenol	8.716	107	48300	4.656	ng		94
37) 2-Methylnaphthalene	8.886	142	106419	4.740	ng		100
38) 1-Methylnaphthalene	8.986	142	102241	4.707	ng		100
40) 1,2,4,5-Tetrachloroben...	9.051	216	46782	4.939	ng		98
41) Hexachlorocyclopentadiene	9.039	237	18380	4.403	ng		93
43) 2,4,6-Trichlorophenol	9.163	196	31193	4.507	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	32567	4.337	ng		96
46) 1,1'-Biphenyl	9.351	154	131283	4.925	ng		99
47) 2-Chloronaphthalene	9.381	162	100640	4.713	ng		96
48) 2-Nitroaniline	9.469	65	31498	4.392	ng		96
49) Acenaphthylene	9.792	152	163133	4.975	ng		98
50) Dimethylphthalate	9.645	163	112394	4.535	ng		100
51) 2,6-Dinitrotoluene	9.710	165	24984	4.502	ng		93
52) Acenaphthene	9.963	154	102423	4.813	ng		97
53) 3-Nitroaniline	9.880	138	27262	4.128	ng		98
54) 2,4-Dinitrophenol	9.986	184	16451	5.858	ng		94
55) Dibenzofuran	10.139	168	143104	4.839	ng		99
56) 4-Nitrophenol	10.033	139	19542	4.052	ng		95
57) 2,4-Dinitrotoluene	10.116	165	32561	4.475	ng		89
58) Fluorene	10.480	166	112774	4.778	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	24345	4.206	ng		90
60) Diethylphthalate	10.345	149	112972	4.737	ng		98
61) 4-Chlorophenyl-phenyle...	10.469	204	51371	4.975	ng	#	88
62) 4-Nitroaniline	10.486	138	26613	4.080	ng		97
63) Azobenzene	10.633	77	111771	4.530	ng		96
65) 4,6-Dinitro-2-methylph...	10.522	198	13911	3.669	ng		97
66) n-Nitrosodiphenylamine	10.586	169	96397	4.730	ng		96
67) 4-Bromophenyl-phenylether	10.963	248	30339	4.561	ng		93
68) Hexachlorobenzene	11.027	284	34700	4.763	ng		94
69) Atrazine	11.110	200	30287	4.862	ng		96
70) Pentachlorophenol	11.222	266	14314	3.574	ng		96
71) Phenanthrene	11.445	178	165488	4.891	ng		99
72) Anthracene	11.498	178	165142	4.926	ng		98
73) Carbazole	11.651	167	152625	4.880	ng		97
74) Di-n-butylphthalate	11.974	149	171521	4.747	ng		98
75) Fluoranthene	12.639	202	165587	4.802	ng		97
77) Benzidine	12.757	184	83926	4.427	ng		99
78) Pyrene	12.869	202	172048	4.229	ng		99
80) Butylbenzylphthalate	13.480	149	63210	3.807	ng		97
81) Benzo(a)anthracene	14.057	228	143327	4.375	ng		100
82) 3,3'-Dichlorobenzidine	14.021	252	47746	4.440	ng		99
83) Chrysene	14.092	228	132382	4.282	ng		99
84) Bis(2-ethylhexyl)phtha...	14.039	149	83070	4.074	ng		98
85) Di-n-octyl phthalate	14.651	149	115546	3.960	ng		97
87) Indeno(1,2,3-cd)pyrene	17.062	276	91184	3.586	ng		98
88) Benzo(b)fluoranthene	15.115	252	118324	4.792	ng		100
89) Benzo(k)fluoranthene	15.145	252	109232	4.556	ng		98
90) Benzo(a)pyrene	15.492	252	103050	5.158	ng		99
91) Dibenzo(a,h)anthracene	17.080	278	77799	3.796	ng		98
92) Benzo(g,h,i)perylene	17.521	276	77940	3.659	ng		97

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

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