Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020322\
Data File : BF126793.D
Acq On : 03 Feb 2022 12:19
Operator : CG/JU
Sample : M4068-02
Misc : LOQ-SOIL-10ppm
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 03 12:43:53 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 02 15:08:47 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2021

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/10/2022
Supervised By :mohammad ahmed 02/10/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	151140	20.000	ng	0.00
21) Naphthalene-d8	8.234	136	580594	20.000	ng	# 0.00
39) Acenaphthene-d10	9.986	164	320898	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	555774	20.000	ng	0.00
76) Chrysene-d12	14.127	240	440701	20.000	ng	# 0.00
86) Perylene-d12	15.645	264	326233	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	1319730	119.597	ng	0.00
7) Phenol-d6	6.575	99	1937788	126.951	ng	0.00
23) Nitrobenzene-d5	7.516	82	1202616	77.521	ng	0.00
42) 2,4,6-Tribromophenol	10.780	330	425785	127.848	ng	0.00
45) 2-Fluorobiphenyl	9.304	172	1517191	78.287	ng	0.00
79) Terphenyl-d14	13.069	244	1618188	61.424	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.787	88	55516	9.942	ng	# 85
3) Pyridine	3.593	79	133103	8.790	ng	# 81
4) n-Nitrosodimethylamine	3.504	42	48666	10.404	ng	77
6) Aniline	6.616	93	235375	12.084	ng	97
8) 2-Chlorophenol	6.734	128	107543	10.658	ng	97
9) Benzaldehyde	6.504	77	121280	12.629	ng	91
10) Phenol	6.581	94	174008	10.651	ng	95
11) bis(2-Chloroethyl)ether	6.681	93	145845	11.080	ng	93
12) 1,3-Dichlorobenzene	6.887	146	126090	11.098	ng	97
13) 1,4-Dichlorobenzene	6.963	146	126055	10.977	ng	97
14) 1,2-Dichlorobenzene	7.122	146	115651	10.364	ng	100
15) Benzyl Alcohol	7.081	79	137566	11.280	ng	93
16) 2,2'-oxybis(1-Chloropr...	7.216	45	160481	11.317	ng	85
17) 2-Methylphenol	7.187	107	106106	10.694	ng	95
18) Hexachloroethane	7.463	117	49419	10.986	ng	# 87
19) n-Nitroso-di-n-propyla...	7.351	70	109473	10.892	ng	# 83
20) 3+4-Methylphenols	7.340	107	139766	11.184	ng	# 78
22) Acetophenone	7.351	105	179724	10.698	ng	# 89
24) Nitrobenzene	7.528	77	171716	11.151	ng	# 85
25) Isophorone	7.763	82	286720	10.769	ng	95
26) 2-Nitrophenol	7.845	139	53954	10.512	ng	# 84
27) 2,4-Dimethylphenol	7.869	122	109508	12.216	ng	91
28) bis(2-Chloroethoxy)met...	7.969	93	179187	10.612	ng	# 96
29) 2,4-Dichlorophenol	8.081	162	92807	10.517	ng	98
30) 1,2,4-Trichlorobenzene	8.169	180	99831	10.520	ng	95
31) Naphthalene	8.251	128	343740	11.327	ng	99
32) Benzoic acid	7.934	122	48413m	6.998	ng	
33) 4-Chloroaniline	8.298	127	141582	11.547	ng	# 93
34) Hexachlorobutadiene	8.363	225	59951	10.079	ng	97
35) Caprolactam	8.634	113	31550	9.826	ng	# 83
36) 4-Chloro-3-methylphenol	8.763	107	116024	10.315	ng	88
37) 2-Methylnaphthalene	8.939	142	220852	11.811	ng	99
38) 1-Methylnaphthalene	9.039	142	203188	11.288	ng	99
40) 1,2,4,5-Tetrachloroben...	9.104	216	95681	10.356	ng	96
41) Hexachlorocyclopentadiene	9.092	237	62038	11.649	ng	93
43) 2,4,6-Trichlorophenol	9.216	196	66655	10.240	ng	98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.251	196	68733	10.115	ng		95
46)	1,1'-Biphenyl	9.404	154	252040	10.724	ng		96
47)	2-Chloronaphthalene	9.434	162	206765	11.098	ng		99
48)	2-Nitroaniline	9.522	65	79310	10.441	ng		89
49)	Acenaphthylene	9.851	152	329192	11.444	ng		99
50)	Dimethylphthalate	9.698	163	236420	10.659	ng		100
51)	2,6-Dinitrotoluene	9.763	165	49867	10.944	ng	#	82
52)	Acenaphthene	10.022	154	200855	10.952	ng		98
53)	3-Nitroaniline	9.933	138	55647	10.718	ng	#	84
54)	2,4-Dinitrophenol	10.039	184	17253	7.188	ng		89
55)	Dibenzofuran	10.192	168	294584	10.882	ng		99
56)	4-Nitrophenol	10.081	139	40026	10.179	ng		89
57)	2,4-Dinitrotoluene	10.163	165	66970	10.845	ng	#	93
58)	Fluorene	10.539	166	229768	11.472	ng		98
59)	2,3,4,6-Tetrachlorophenol	10.304	232	61106	10.389	ng	#	80
60)	Diethylphthalate	10.404	149	234125	10.742	ng		98
61)	4-Chlorophenyl-phenyle...	10.528	204	110834	10.940	ng		89
62)	4-Nitroaniline	10.545	138	51421	10.437	ng		82
63)	Azobenzene	10.692	77	330592	10.932	ng		92
65)	4,6-Dinitro-2-methylph...	10.575	198	27915	8.280	ng		93
66)	n-Nitrosodiphenylamine	10.645	169	197431	11.047	ng		100
67)	4-Bromophenyl-phenylether	11.022	248	67501	10.611	ng	#	91
68)	Hexachlorobenzene	11.080	284	72816	10.461	ng		95
69)	Atrazine	11.169	200	63079	10.877	ng		91
70)	Pentachlorophenol	11.275	266	38165	9.398	ng		96
71)	Phenanthrene	11.504	178	350006	11.371	ng		99
72)	Anthracene	11.557	178	354048	11.484	ng		99
73)	Carbazole	11.710	167	302876	10.414	ng		98
74)	Di-n-butylphthalate	12.033	149	361032	10.706	ng		99
75)	Fluoranthene	12.692	202	342017	10.924	ng		98
77)	Benzidine	12.816	184	193171	19.107	ng		98
78)	Pyrene	12.927	202	350173	9.943	ng		98
80)	Butylbenzylphthalate	13.539	149	138944	9.508	ng	#	90
81)	Benzo(a)anthracene	14.116	228	299315	10.179	ng		99
82)	3,3'-Dichlorobenzidine	14.074	252	93716	11.128	ng		98
83)	Chrysene	14.151	228	295762	10.623	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.098	149	198626	10.447	ng	#	98
85)	Di-n-octyl phthalate	14.716	149	289566	10.681	ng	#	93
87)	Indeno(1,2,3-cd)pyrene	17.180	276	171809	8.635	ng	#	90
88)	Benzo(b)fluoranthene	15.186	252	235978	11.062	ng	#	95
89)	Benzo(k)fluoranthene	15.221	252	230936	10.853	ng	#	93
90)	Benzo(a)pyrene	15.574	252	207081	12.178	ng	#	95
91)	Dibenzo(a,h)anthracene	17.204	278	146291	8.976	ng	#	94
92)	Benzo(g,h,i)perylene	17.657	276	143323	8.903	ng	#	89

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

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