Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020322\
Data File : BF126792.D
Acq On : 03 Feb 2022 11:44
Operator : CG/JU
Sample : M4068-02
Misc : LOQ-SOIL-5ppm
ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Feb 03 12:04:54 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	148634	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	571178	20.000	ng	0.00
39) Acenaphthene-d10	9.986	164	314630	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	552266	20.000	ng	0.00
76) Chrysene-d12	14.127	240	435309	20.000	ng	# 0.00
86) Perylene-d12	15.639	264	308090	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	1259435	116.057	ng	0.00
7) Phenol-d6	6.569	99	1861252	123.992	ng	0.00
23) Nitrobenzene-d5	7.510	82	1193113	78.176	ng	0.00
42) 2,4,6-Tribromophenol	10.780	330	401069	122.826	ng	0.00
45) 2-Fluorobiphenyl	9.304	172	1517186	79.846	ng	0.00
79) Terphenyl-d14	13.068	244	1631949	62.714	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.787	88	26919	4.902	ng	# 89
3) Pyridine	3.610	79	63086	4.236	ng	# 82
4) n-Nitrosodimethylamine	3.504	42	23201	5.044	ng	79
6) Aniline	6.616	93	113657	5.934	ng	97
8) 2-Chlorophenol	6.734	128	54111	5.453	ng	98
9) Benzaldehyde	6.504	77	60040	6.357	ng	92
10) Phenol	6.581	94	84771	5.276	ng	97
11) bis(2-Chloroethyl)ether	6.681	93	72135	5.573	ng	92
12) 1,3-Dichlorobenzene	6.887	146	61888	5.539	ng	95
13) 1,4-Dichlorobenzene	6.963	146	63200	5.596	ng	94
14) 1,2-Dichlorobenzene	7.116	146	58516	5.332	ng	95
15) Benzyl Alcohol	7.081	79	75533	6.298	ng	93
16) 2,2'-oxybis(1-Chloropr...	7.216	45	78402	5.622	ng	81
17) 2-Methylphenol	7.181	107	50411	5.166	ng	94
18) Hexachloroethane	7.457	117	23127	5.228	ng	99
19) n-Nitroso-di-n-propyla...	7.345	70	54334	5.497	ng	# 83
20) 3+4-Methylphenols	7.334	107	66758	5.432	ng	# 70
22) Acetophenone	7.351	105	90128	5.453	ng	# 87
24) Nitrobenzene	7.528	77	86731	5.725	ng	# 86
25) Isophorone	7.757	82	141889	5.417	ng	# 92
26) 2-Nitrophenol	7.839	139	25797	5.109	ng	# 78
27) 2,4-Dimethylphenol	7.869	122	53179	6.030	ng	90
28) bis(2-Chloroethoxy)met...	7.969	93	88909	5.352	ng	# 96
29) 2,4-Dichlorophenol	8.075	162	43287	4.986	ng	96
30) 1,2,4-Trichlorobenzene	8.169	180	50686	5.429	ng	97
31) Naphthalene	8.251	128	169829	5.689	ng	99
32) Benzoic acid	7.916	122	18545	2.725	ng	# 82
33) 4-Chloroaniline	8.298	127	68912	5.713	ng	# 95
34) Hexachlorobutadiene	8.363	225	28976	4.952	ng	97
35) Caprolactam	8.622	113	15516	4.912	ng	# 78
36) 4-Chloro-3-methylphenol	8.763	107	57079	5.158	ng	90
37) 2-Methylnaphthalene	8.939	142	110513	6.007	ng	99
38) 1-Methylnaphthalene	9.039	142	101130	5.711	ng	95
40) 1,2,4,5-Tetrachloroben...	9.104	216	47585	5.253	ng	97
41) Hexachlorocyclopentadiene	9.092	237	28903	5.535	ng	97
43) 2,4,6-Trichlorophenol	9.216	196	31747	4.975	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.251	196	34674	5.204	ng	#	88
46) 1,1'-Biphenyl	9.404	154	132557	5.753	ng		96
47) 2-Chloronaphthalene	9.433	162	103976	5.692	ng		96
48) 2-Nitroaniline	9.522	65	37367	5.017	ng		92
49) Acenaphthylene	9.845	152	164009	5.815	ng		99
50) Dimethylphthalate	9.698	163	115466	5.309	ng		98
51) 2,6-Dinitrotoluene	9.763	165	24627	5.513	ng		90
52) Acenaphthene	10.022	154	101208	5.628	ng		97
53) 3-Nitroaniline	9.933	138	28063	5.513	ng		90
54) 2,4-Dinitrophenol	10.039	184	6472	2.750	ng	#	86
55) Dibenzofuran	10.192	168	150372	5.666	ng		98
56) 4-Nitrophenol	10.075	139	17901	4.643	ng	#	76
57) 2,4-Dinitrotoluene	10.163	165	32126	5.306	ng	#	95
58) Fluorene	10.533	166	115771	5.895	ng		94
59) 2,3,4,6-Tetrachlorophenol	10.304	232	27294	4.733	ng	#	83
60) Diethylphthalate	10.398	149	114806	5.373	ng		98
61) 4-Chlorophenyl-phenyle...	10.527	204	55576	5.595	ng		90
62) 4-Nitroaniline	10.539	138	25018	5.179	ng		84
63) Azobenzene	10.686	77	165340	5.576	ng		89
65) 4,6-Dinitro-2-methylph...	10.569	198	11327	3.381	ng		89
66) n-Nitrosodiphenylamine	10.645	169	99390	5.596	ng		99
67) 4-Bromophenyl-phenylether	11.022	248	33805	5.348	ng	#	89
68) Hexachlorobenzene	11.080	284	36611	5.293	ng	#	93
69) Atrazine	11.163	200	30948	5.370	ng		92
70) Pentachlorophenol	11.274	266	17097	4.237	ng		95
71) Phenanthrene	11.504	178	175436	5.736	ng		99
72) Anthracene	11.557	178	181153	5.913	ng		98
73) Carbazole	11.710	167	150515	5.208	ng		98
74) Di-n-butylphthalate	12.033	149	174665	5.213	ng		99
75) Fluoranthene	12.692	202	170048	5.466	ng		99
77) Benzidine	12.816	184	88510	8.863	ng		98
78) Pyrene	12.927	202	178141	5.121	ng		99
80) Butylbenzylphthalate	13.539	149	62469	4.328	ng	#	94
81) Benzo(a)anthracene	14.115	228	148126	5.100	ng		99
82) 3,3'-Dichlorobenzidine	14.074	252	42341	5.090	ng	#	98
83) Chrysene	14.151	228	149681	5.443	ng		99
84) Bis(2-ethylhexyl)phtha...	14.098	149	91910	4.894	ng	#	98
85) Di-n-octyl phthalate	14.715	149	128874	4.813	ng	#	93
87) Indeno(1,2,3-cd)pyrene	17.180	276	79569	4.234	ng	#	91
88) Benzo(b)fluoranthene	15.186	252	113520	5.635	ng	#	93
89) Benzo(k)fluoranthene	15.215	252	106535	5.301	ng	#	95
90) Benzo(a)pyrene	15.574	252	96695	6.021	ng	#	95
91) Dibenzo(a,h)anthracene	17.204	278	67678	4.397	ng	#	94
92) Benzo(g,h,i)perylene	17.651	276	67378	4.432	ng		93

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

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