Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071321\
Data File : BF124548.D
Acq On : 13 Jul 2021 16:26
Operator : JU/CG
Sample : M2940-02
Misc : LOQ-SOIL-5ppm
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

Manual Integrations APPROVED
mohammad
7/14/2021 12:15:45 PM

Quant Time: Jul 13 16:49:06 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 13 14:57:42 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.928	152	7895	20.000	ng		0.00
21) Naphthalene-d8	8.210	136	30057	20.000	ng		0.00
39) Acenaphthene-d10	9.969	164	17450	20.000	ng		0.00
64) Phenanthrene-d10	11.457	188	30949	20.000	ng		0.00
76) Chrysene-d12	14.092	240	22235	20.000	ng		0.00
86) Perylene-d12	15.592	264	17844	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.546	112	52539	115.298	ng		0.00
7) Phenol-d6	6.551	99	63531	114.607	ng		0.00
23) Nitrobenzene-d5	7.492	82	36551	76.766	ng		0.00
42) 2,4,6-Tribromophenol	10.757	330	15288	112.583	ng		0.00
45) 2-Fluorobiphenyl	9.286	172	85014	71.043	ng		0.00
79) Terphenyl-d14	13.045	244	94333	71.241	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.810	88	565	3.791	ng	#	100
3) Pyridine	3.610	79	561	1.468	ng	#	54
4) n-Nitrosodimethylamine	3.493	42	1171	3.769	ng	#	72
6) Aniline	6.593	93	2805	4.802	ng		96
8) 2-Chlorophenol	6.710	128	2163	4.234	ng		99
9) Benzaldehyde	6.481	77	1488m	4.575	ng		
10) Phenol	6.557	94	2212	4.087	ng	#	64
11) bis(2-Chloroethyl)ether	6.657	93	1821	4.340	ng	#	76
12) 1,3-Dichlorobenzene	6.869	146	2783	4.977	ng	#	85
13) 1,4-Dichlorobenzene	6.945	146	2819m	4.936	ng		
14) 1,2-Dichlorobenzene	7.098	146	2522	4.647	ng		91
15) Benzyl Alcohol	7.057	79	2152m	5.611	ng		
16) 2,2'-oxybis(1-Chloropr...	7.198	45	3378	4.671	ng		88
17) 2-Methylphenol	7.157	107	1727	4.618	ng		91
18) Hexachloroethane	7.440	117	949	4.413	ng		95
19) n-Nitroso-di-n-propyla...	7.328	70	1280	4.107	ng	#	93
20) 3+4-Methylphenols	7.310	107	2110	4.286	ng	#	72
22) Acetophenone	7.328	105	3189	4.675	ng	#	97
24) Nitrobenzene	7.504	77	2086	4.418	ng	#	90
25) Isophorone	7.739	82	3629	4.152	ng	#	94
26) 2-Nitrophenol	7.822	139	1061	4.166	ng	#	73
27) 2,4-Dimethylphenol	7.845	122	2144	5.080	ng		91
28) bis(2-Chloroethoxy)met...	7.951	93	2347	4.603	ng		99
29) 2,4-Dichlorophenol	8.051	162	1644	3.777	ng		96
30) 1,2,4-Trichlorobenzene	8.145	180	1974	4.098	ng		93
31) Naphthalene	8.228	128	7265	4.673	ng	#	97
32) Benzoic acid	7.892	122	421	1.431	ng		89
33) 4-Chloroaniline	8.269	127	2817	4.795	ng		98
34) Hexachlorobutadiene	8.345	225	1113	4.093	ng		95
35) Caprolactam	8.604	113	369	3.351	ng		94
36) 4-Chloro-3-methylphenol	8.739	107	1849	4.296	ng		98
37) 2-Methylnaphthalene	8.922	142	4830	4.604	ng		97
38) 1-Methylnaphthalene	9.016	142	4188	4.251	ng		94
40) 1,2,4,5-Tetrachloroben...	9.086	216	2055	4.415	ng		89
41) Hexachlorocyclopentadiene	9.075	237	1611	5.541	ng		91
43) 2,4,6-Trichlorophenol	9.192	196	1257	3.741	ng		90

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44) 2,4,5-Trichlorophenol	9.222	196	1358	3.919	ng		94
46) 1,1'-Biphenyl	9.386	154	6054	4.568	ng		99
47) 2-Chloronaphthalene	9.410	162	4507	4.337	ng		98
48) 2-Nitroaniline	9.498	65	1184	4.738	ng		87
49) Acenaphthylene	9.822	152	7007	4.321	ng		97
50) Dimethylphthalate	9.675	163	5174	4.262	ng	#	96
51) 2,6-Dinitrotoluene	9.739	165	902	3.769	ng	#	90
52) Acenaphthene	9.998	154	4613	4.449	ng		97
53) 3-Nitroaniline	9.904	138	1146	4.291	ng	#	96
54) 2,4-Dinitrophenol	10.004	184	311	2.490	ng	#	1
55) Dibenzofuran	10.169	168	6430	4.218	ng		93
56) 4-Nitrophenol	10.045	139	807	3.630	ng		96
57) 2,4-Dinitrotoluene	10.139	165	1322	4.035	ng		85
58) Fluorene	10.510	166	4928	4.179	ng		93
59) 2,3,4,6-Tetrachlorophenol	10.281	232	1025	3.830	ng	#	84
60) Diethylphthalate	10.381	149	5547	4.370	ng		98
61) 4-Chlorophenyl-phenyle...	10.504	204	2202	4.114	ng		97
62) 4-Nitroaniline	10.510	138	1034	3.841	ng		94
63) Azobenzene	10.669	77	4555	4.105	ng		95
65) 4,6-Dinitro-2-methylph...	10.545	198	427	2.415	ng	#	81
66) n-Nitrosodiphenylamine	10.622	169	4123	4.091	ng		95
67) 4-Bromophenyl-phenylether	10.992	248	1488	4.650	ng	#	71
68) Hexachlorobenzene	11.057	284	1454	4.434	ng	#	90
69) Atrazine	11.139	200	1273	4.125	ng		83
70) Pentachlorophenol	11.245	266	595	2.869	ng	#	81
71) Phenanthrene	11.475	178	7544m	4.468	ng		
72) Anthracene	11.527	178	7579	4.474	ng		99
73) Carbazole	11.675	167	6543	4.180	ng		95
74) Di-n-butylphthalate	12.010	149	9338	4.429	ng		99
75) Fluoranthene	12.663	202	7514	4.411	ng		94
77) Benzidine	12.786	184	4451	5.355	ng		95
78) Pyrene	12.892	202	7731	4.185	ng		98
80) Butylbenzylphthalate	13.510	149	3409	3.817	ng		99
81) Benzo(a)anthracene	14.080	228	6478	4.393	ng		98
82) 3,3'-Dichlorobenzidine	14.045	252	2292	5.934	ng	#	95
83) Chrysene	14.116	228	6217	4.401	ng		95
84) Bis(2-ethylhexyl)phtha...	14.074	149	5098	4.251	ng	#	96
85) Di-n-octyl phthalate	14.686	149	7693	4.433	ng	#	98
87) Indeno(1,2,3-cd)pyrene	17.086	276	3820	3.691	ng	#	86
88) Benzo(b)fluoranthene	15.145	252	5414	4.227	ng		97
89) Benzo(k)fluoranthene	15.174	252	5321m	4.528	ng		
90) Benzo(a)pyrene	15.521	252	4734	4.478	ng		98
91) Dibenzo(a,h)anthracene	17.109	278	3223	3.659	ng		96
92) Benzo(g,h,i)perylene	17.545	276	3204	3.726	ng		96

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

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