

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080521\
 Data File : BF124946.D
 Acq On : 5 Aug 2021 14:36
 Operator : JU/CG
 Sample : M2262-02
 Misc : LOQ-SOIL-5ppm
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL-02-QT2-2021

Manual Integrations
 APPROVED

mohammad
 8/6/2021 2:46:44 PM

Quant Time: Aug 05 15:01:55 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 04 17:59:00 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	6991	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	26811	20.000	ng	# 0.00
39) Acenaphthene-d10	9.875	164	14676	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	26116	20.000	ng	0.00
76) Chrysene-d12	13.998	240	19498	20.000	ng	0.00
86) Perylene-d12	15.457	264	16997	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	45347	106.256	ng	0.00
7) Phenol-d6	6.469	99	57890	107.576	ng	0.00
23) Nitrobenzene-d5	7.404	82	33511	65.386	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	14051	107.165	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	68736	68.532	ng	0.00
79) Terphenyl-d14	12.945	244	73773	63.823	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.605	88	974	6.100	ng	# 100
3) Pyridine	3.410	79	1717	4.628	ng	# 90
4) n-Nitrosodimethylamine	3.299	42	772	2.930	ng	96
6) Aniline	6.498	93	3001	5.279	ng	# 90
8) 2-Chlorophenol	6.622	128	2146	4.584	ng	92
9) Benzaldehyde	6.393	77	1863	6.363	ng	# 81
10) Phenol	6.481	94	2462	4.434	ng	99
11) bis(2-Chloroethyl)ether	6.575	93	2236	5.368	ng	90
12) 1,3-Dichlorobenzene	6.775	146	2410	4.730	ng	96
13) 1,4-Dichlorobenzene	6.851	146	2475	4.859	ng	91
14) 1,2-Dichlorobenzene	7.004	146	2415	5.059	ng	96
15) Benzyl Alcohol	6.975	79	1838	4.735	ng	# 80
16) 2,2'-oxybis(1-Chloropr...	7.110	45	3261	4.887	ng	78
17) 2-Methylphenol	7.081	107	1816	5.182	ng	95
18) Hexachloroethane	7.345	117	998	5.004	ng	97
19) n-Nitroso-di-n-propyla...	7.240	70	1484	4.648	ng	# 75
20) 3+4-Methylphenols	7.240	107	2385	5.127	ng	# 59
22) Acetophenone	7.240	105	3155	4.805	ng	# 88
24) Nitrobenzene	7.416	77	2189	4.414	ng	99
25) Isophorone	7.651	82	3744	4.280	ng	# 90
26) 2-Nitrophenol	7.734	139	1134	4.503	ng	# 87
27) 2,4-Dimethylphenol	7.769	122	1860	5.210	ng	# 79
28) bis(2-Chloroethoxy)met...	7.863	93	2352	4.724	ng	# 94
29) 2,4-Dichlorophenol	7.975	162	1645	4.136	ng	88
30) 1,2,4-Trichlorobenzene	8.057	180	2064	4.631	ng	99
31) Naphthalene	8.139	128	6853	4.975	ng	97
32) Benzoic acid	7.769	122	1860	14.869	ng	# 14
33) 4-Chloroaniline	8.187	127	2663	5.188	ng	# 93
34) Hexachlorobutadiene	8.257	225	1266	4.756	ng	# 81
35) Caprolactam	8.522	113	318	3.011	ng	94
36) 4-Chloro-3-methylphenol	8.663	107	1958	4.706	ng	# 88
37) 2-Methylnaphthalene	8.828	142	4481	4.838	ng	98
38) 1-Methylnaphthalene	8.928	142	4361	5.032	ng	99
40) 1,2,4,5-Tetrachloroben...	8.992	216	2276	5.403	ng	# 92
41) Hexachlorocyclopentadiene	8.981	237	393	7.676	ng	86
43) 2,4,6-Trichlorophenol	9.110	196	1195	4.261	ng	95

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44) 2,4,5-Trichlorophenol	9.145	196	1237	4.358	ng	91
46) 1,1'-Biphenyl	9.292	154	5843	5.343	ng	94
47) 2-Chloronaphthalene	9.316	162	4410	5.068	ng #	93
48) 2-Nitroaniline	9.410	65	1230	4.812	ng #	84
49) Acenaphthylene	9.733	152	6827	5.165	ng	96
50) Dimethylphthalate	9.586	163	5232	5.261	ng #	94
51) 2,6-Dinitrotoluene	9.651	165	1149	5.188	ng #	89
52) Acenaphthene	9.904	154	4081	5.093	ng	98
53) 3-Nitroaniline	9.822	138	1041	4.463	ng #	79
55) Dibenzofuran	10.075	168	6214	4.962	ng	92
56) 4-Nitrophenol	9.981	139	400	2.602	ng	91
57) 2,4-Dinitrotoluene	10.057	165	1351	4.493	ng	90
58) Fluorene	10.422	166	4796	4.995	ng	93
59) 2,3,4,6-Tetrachlorophenol	10.192	232	746	3.503	ng #	77
60) Diethylphthalate	10.286	149	5014	4.913	ng	97
61) 4-Chlorophenyl-phenyle...	10.410	204	2214	4.883	ng	98
62) 4-Nitroaniline	10.428	138	1054	4.654	ng	80
63) Azobenzene	10.575	77	4581	4.590	ng	91
65) 4,6-Dinitro-2-methylph...	10.469	198	370	2.261	ng #	66
66) n-Nitrosodiphenylamine	10.528	169	4037	4.769	ng	92
67) 4-Bromophenyl-phenylether	10.904	248	1362	4.761	ng	97
68) Hexachlorobenzene	10.969	284	1502	4.826	ng #	86
69) Atrazine	11.051	200	1389	5.461	ng	95
71) Phenanthrene	11.380	178	6572m	4.639	ng	
72) Anthracene	11.433	178	7117	5.008	ng	96
73) Carbazole	11.586	167	6178	4.740	ng	95
74) Di-n-butylphthalate	11.916	149	8162	4.928	ng	97
75) Fluoranthene	12.569	202	6760	4.613	ng	97
77) Benzidine	12.692	184	3812	7.307	ng	98
78) Pyrene	12.798	202	6898	4.491	ng	95
80) Butylbenzylphthalate	13.416	149	2950	4.316	ng	97
81) Benzo(a)anthracene	13.986	228	6082	4.787	ng	98
82) 3,3'-Dichlorobenzidine	13.945	252	2236	6.675	ng #	88
83) Chrysene	14.021	228	6097	4.964	ng	99
84) Bis(2-ethylhexyl)phtha...	13.974	149	4535	4.783	ng #	99
85) Di-n-octyl phthalate	14.580	149	6902	4.614	ng #	97
87) Indeno(1,2,3-cd)pyrene	16.909	276	4394	4.341	ng #	83
88) Benzo(b)fluoranthene	15.027	252	5366	4.496	ng	99
89) Benzo(k)fluoranthene	15.063	252	4989	4.595	ng #	98
90) Benzo(a)pyrene	15.398	252	4756	4.680	ng #	91
91) Dibenzo(a,h)anthracene	16.927	278	3619	4.067	ng #	78
92) Benzo(g,h,i)perylene	17.357	276	3365	3.942	ng #	87

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

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