

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031722\
 Data File : BM034269.D
 Acq On : 17 Mar 2022 10:34
 Operator : CG/JU
 Sample : N1645-03
 Misc : MDL-MDL-SOIL 8ppm
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-03-QT1-2022

Quant Time: Mar 17 11:41:49 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 16 02:38:26 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 03/21/2022
 Supervised By : Jagrut Upadhyay 03/22/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.948	152	190774	20.000	ng	0.00
21) Naphthalene-d8	10.760	136	819042	20.000	ng	0.00
39) Acenaphthene-d10	14.583	164	559406	20.000	ng	0.00
64) Phenanthrene-d10	17.324	188	1179150	20.000	ng	0.00
76) Chrysene-d12	21.494	240	1143326	20.000	ng	0.00
86) Perylene-d12	23.906	264	1042839	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.495	112	1549438	145.703	ng	0.00
7) Phenol-d6	7.107	99	2165138	142.202	ng	0.00
23) Nitrobenzene-d5	9.107	82	1271105	75.559	ng	0.00
42) 2,4,6-Tribromophenol	16.071	330	1087566	144.238	ng	0.00
45) 2-Fluorobiphenyl	13.213	172	3041794	74.303	ng	0.00
79) Terphenyl-d14	19.942	244	5041212	76.616	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.354	88	34636	7.199	ng	96
3) Pyridine	3.766	79	84128	6.462	ng	94
4) n-Nitrosodimethylamine	3.672	42	43580	7.049	ng	95
6) Aniline	7.266	93	133233	7.657	ng	98
8) 2-Chlorophenol	7.507	128	86216	6.932	ng	99
9) Benzaldehyde	7.078	77	81835m	9.976	ng	
10) Phenol	7.131	94	107443	7.095	ng	95
11) bis(2-Chloroethyl)ether	7.366	93	86990	6.999	ng	100
12) 1,3-Dichlorobenzene	7.837	146	100240	7.105	ng	98
13) 1,4-Dichlorobenzene	7.984	146	101603	7.034	ng	99
14) 1,2-Dichlorobenzene	8.301	146	99591	7.073	ng	98
15) Benzyl Alcohol	8.184	79	80903	6.677	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.484	45	121416	7.118	ng	97
17) 2-Methylphenol	8.384	107	71263	6.719	ng	98
18) Hexachloroethane	9.036	117	37515	7.042	ng	94
19) n-Nitroso-di-n-propyla...	8.754	70	78001	7.082	ng	99
20) 3+4-Methylphenols	8.713	107	96450	6.576	ng	99
22) Acetophenone	8.766	105	143943	6.848	ng	# 96
24) Nitrobenzene	9.148	77	114950	7.319	ng	99
25) Isophorone	9.678	82	204974	7.281	ng	98
26) 2-Nitrophenol	9.866	139	42562	6.111	ng	96
27) 2,4-Dimethylphenol	9.925	122	84467	7.745	ng	99
28) bis(2-Chloroethoxy)met...	10.160	93	120681	6.696	ng	98
29) 2,4-Dichlorophenol	10.401	162	80888	6.383	ng	99
30) 1,2,4-Trichlorobenzene	10.625	180	96727	6.715	ng	97
31) Naphthalene	10.807	128	293435	6.877	ng	99
32) Benzoic acid	9.995	122	32428	3.596	ng	95
33) 4-Chloroaniline	10.913	127	110958	6.592	ng	98
34) Hexachlorobutadiene	11.107	225	60305	6.610	ng	98
35) Caprolactam	11.672	113	26049	5.913	ng	94
36) 4-Chloro-3-methylphenol	12.036	107	92524	6.371	ng	96
37) 2-Methylnaphthalene	12.419	142	209102	6.868	ng	99
38) 1-Methylnaphthalene	12.636	142	205683	6.906	ng	98
40) 1,2,4,5-Tetrachloroben...	12.789	216	113361	6.715	ng	99
41) Hexachlorocyclopentadiene	12.771	237	72162	7.382	ng	99
43) 2,4,6-Trichlorophenol	13.019	196	69155	5.933	ng	96

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44) 2,4,5-Trichlorophenol	13.089	196	77566	6.200	ng	100
46) 1,1'-Biphenyl	13.424	154	288460	6.763	ng	99
47) 2-Chloronaphthalene	13.466	162	214433	6.549	ng	98
48) 2-Nitroaniline	13.660	65	57322	5.727	ng	94
49) Acenaphthylene	14.307	152	358052	7.017	ng	100
50) Dimethylphthalate	14.036	163	280627	6.591	ng	100
51) 2,6-Dinitrotoluene	14.154	165	59074	6.765	ng	99
52) Acenaphthene	14.648	154	221966	6.458	ng	99
53) 3-Nitroaniline	14.477	138	48370	5.521	ng	98
54) 2,4-Dinitrophenol	14.689	184	19399	3.965	ng	87
55) Dibenzofuran	14.977	168	342385	6.684	ng	98
56) 4-Nitrophenol	14.783	139	34368	4.839	ng	97
57) 2,4-Dinitrotoluene	14.936	165	74080	6.276	ng	98
58) Fluorene	15.630	166	278932	6.708	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.207	232	69683	6.177	ng	98
60) Diethylphthalate	15.401	149	293494	6.719	ng	99
61) 4-Chlorophenyl-phenyle...	15.624	204	142144	6.695	ng	99
62) 4-Nitroaniline	15.636	138	43606m	5.174	ng	
63) Azobenzene	15.912	77	277985	6.600	ng	99
65) 4,6-Dinitro-2-methylph...	15.695	198	35663	4.651	ng	95
66) n-Nitrosodiphenylamine	15.830	169	241416	6.444	ng	99
67) 4-Bromophenyl-phenylether	16.512	248	87552	6.459	ng	99
68) Hexachlorobenzene	16.636	284	101076	6.685	ng	97
69) Atrazine	16.777	200	87131	7.056	ng	98
70) Pentachlorophenol	16.971	266	54998	5.688	ng	98
71) Phenanthrene	17.365	178	439536	6.656	ng	99
72) Anthracene	17.454	178	438903	6.829	ng	99
73) Carbazole	17.724	167	359896	6.004	ng	99
74) Di-n-butylphthalate	18.289	149	478264	6.418	ng	99
75) Fluoranthene	19.377	202	503533	6.802	ng	99
77) Benzidine	19.559	184	117521m	7.014	ng	
78) Pyrene	19.736	202	529968	6.579	ng	100
80) Butylbenzylphthalate	20.630	149	202415	5.942	ng	100
81) Benzo(a)anthracene	21.477	228	483515	6.700	ng	100
82) 3,3'-Dichlorobenzidine	21.412	252	148541	6.163	ng	100
83) Chrysene	21.530	228	478414	6.492	ng	99
84) Bis(2-ethylhexyl)phtha...	21.406	149	304275	6.048	ng	100
85) Di-n-octyl phthalate	22.336	149	483874	6.059	ng	99
87) Indeno(1,2,3-cd)pyrene	26.418	276	353981	5.277	ng	99
88) Benzo(b)fluoranthene	23.171	252	430566	6.905	ng	98
89) Benzo(k)fluoranthene	23.218	252	472094	7.147	ng	99
90) Benzo(a)pyrene	23.800	252	385561	7.293	ng	99
91) Dibenzo(a,h)anthracene	26.435	278	297604	5.471	ng	98
92) Benzo(g,h,i)perylene	27.194	276	326655	5.802	ng	97

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

