

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031622\
 Data File : BM034260.D
 Acq On : 16 Mar 2022 16:39
 Operator : CG/JU
 Sample : N1645-02
 Misc : LOQ-SOIL 10ppn
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SOIL-02-QT1-2022

Quant Time: Mar 16 17:07:50 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 03/17/2022
 Supervised By : Jagrut Upadhyay 03/17/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.948	152	176969	20.000	ng	0.00
21) Naphthalene-d8	10.760	136	715028	20.000	ng	0.00
39) Acenaphthene-d10	14.589	164	471943	20.000	ng	0.00
64) Phenanthrene-d10	17.324	188	971433	20.000	ng	0.00
76) Chrysene-d12	21.494	240	937962	20.000	ng	0.00
86) Perylene-d12	23.912	264	856502	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.495	112	931844	94.463	ng	0.00
7) Phenol-d6	7.101	99	1297907	91.894	ng	0.00
23) Nitrobenzene-d5	9.107	82	1003055	68.299	ng	0.00
42) 2,4,6-Tribromophenol	16.071	330	641324	100.818	ng	0.00
45) 2-Fluorobiphenyl	13.218	172	2393476	69.302	ng	0.00
79) Terphenyl-d14	19.942	244	3851717	71.355	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.354	88	38673	8.665	ng	97
3) Pyridine	3.766	79	90318	7.478	ng	97
4) n-Nitrosodimethylamine	3.666	42	48708	8.494	ng	# 95
6) Aniline	7.266	93	151081	9.360	ng	99
8) 2-Chlorophenol	7.507	128	101263	8.776	ng	99
9) Benzaldehyde	7.078	77	93863m	12.335	ng	
10) Phenol	7.131	94	119383	8.499	ng	98
11) bis(2-Chloroethyl)ether	7.360	93	104182	9.036	ng	98
12) 1,3-Dichlorobenzene	7.836	146	116997	8.939	ng	98
13) 1,4-Dichlorobenzene	7.984	146	118627	8.854	ng	97
14) 1,2-Dichlorobenzene	8.301	146	114859	8.794	ng	98
15) Benzyl Alcohol	8.184	79	88399	7.865	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.478	45	140733	8.894	ng	99
17) 2-Methylphenol	8.389	107	79817	8.113	ng	99
18) Hexachloroethane	9.036	117	44077	8.919	ng	98
19) n-Nitroso-di-n-propyla...	8.754	70	88813	8.693	ng	99
20) 3+4-Methylphenols	8.719	107	107451	7.897	ng	98
22) Acetophenone	8.772	105	161909	8.824	ng	# 98
24) Nitrobenzene	9.148	77	128857	9.398	ng	99
25) Isophorone	9.678	82	235000	9.562	ng	97
26) 2-Nitrophenol	9.866	139	47989	7.892	ng	99
27) 2,4-Dimethylphenol	9.925	122	89909	9.443	ng	97
28) bis(2-Chloroethoxy)met...	10.166	93	140354	8.920	ng	99
29) 2,4-Dichlorophenol	10.401	162	91027	8.228	ng	98
30) 1,2,4-Trichlorobenzene	10.625	180	110761	8.808	ng	96
31) Naphthalene	10.807	128	339153	9.104	ng	99
32) Benzoic acid	10.013	122	57889	7.352	ng	92
33) 4-Chloroaniline	10.913	127	123921	8.433	ng	98
34) Hexachlorobutadiene	11.107	225	70360	8.834	ng	98
35) Caprolactam	11.677	113	30847m	8.021	ng	
36) 4-Chloro-3-methylphenol	12.036	107	106133	8.372	ng	98
37) 2-Methylnaphthalene	12.419	142	241560	9.088	ng	98
38) 1-Methylnaphthalene	12.636	142	233824	8.993	ng	97
40) 1,2,4,5-Tetrachloroben...	12.789	216	131369	9.224	ng	98
41) Hexachlorocyclopentadiene	12.771	237	102396	12.417	ng	98
43) 2,4,6-Trichlorophenol	13.024	196	78705	8.004	ng	98

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44) 2,4,5-Trichlorophenol	13.089	196	86667	8.212	ng	97
46) 1,1'-Biphenyl	13.424	154	328832	9.138	ng	99
47) 2-Chloronaphthalene	13.466	162	247625	8.965	ng	98
48) 2-Nitroaniline	13.660	65	65784	7.790	ng	100
49) Acenaphthylene	14.307	152	401563	9.328	ng	100
50) Dimethylphthalate	14.042	163	325773	9.069	ng	99
51) 2,6-Dinitrotoluene	14.154	165	66061	8.967	ng	98
52) Acenaphthene	14.648	154	264407	9.118	ng	99
53) 3-Nitroaniline	14.483	138	57467	7.775	ng	95
54) 2,4-Dinitrophenol	14.683	184	36896	8.938	ng	97
55) Dibenzofuran	14.983	168	384785	8.904	ng	99
56) 4-Nitrophenol	14.777	139	77795	12.982	ng	98
57) 2,4-Dinitrotoluene	14.936	165	85080	8.543	ng	98
58) Fluorene	15.630	166	311485	8.879	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.207	232	79844	8.389	ng	99
60) Diethylphthalate	15.401	149	336485	9.131	ng	99
61) 4-Chlorophenyl-phenyle...	15.624	204	158561	8.852	ng	99
62) 4-Nitroaniline	15.636	138	50365m	7.083	ng	
63) Azobenzene	15.918	77	311700	8.771	ng	99
65) 4,6-Dinitro-2-methylph...	15.701	198	57767	9.145	ng	99
66) n-Nitrosodiphenylamine	15.836	169	272446	8.828	ng	98
67) 4-Bromophenyl-phenylether	16.518	248	97360	8.718	ng	98
68) Hexachlorobenzene	16.636	284	112047	8.996	ng	100
69) Atrazine	16.783	200	98421	9.675	ng	99
70) Pentachlorophenol	16.977	266	80755	10.138	ng	99
71) Phenanthrene	17.365	178	487240	8.956	ng	98
72) Anthracene	17.459	178	476725	9.003	ng	100
73) Carbazole	17.724	167	394212	7.983	ng	99
74) Di-n-butylphthalate	18.295	149	535358	8.720	ng	99
75) Fluoranthene	19.377	202	553806	9.081	ng	99
77) Benzidine	19.559	184	146031m	10.624	ng	
78) Pyrene	19.742	202	584303	8.842	ng	99
80) Butylbenzylphthalate	20.630	149	227090	8.125	ng	96
81) Benzo(a)anthracene	21.477	228	523184	8.837	ng	99
82) 3,3'-Dichlorobenzidine	21.412	252	173952	8.797	ng	98
83) Chrysene	21.530	228	514442	8.510	ng	100
84) Bis(2-ethylhexyl)phtha...	21.412	149	348703	8.449	ng	100
85) Di-n-octyl phthalate	22.336	149	542149	8.276	ng	100
87) Indeno(1,2,3-cd)pyrene	26.424	276	427699	7.763	ng	98
88) Benzo(b)fluoranthene	23.171	252	458505	8.952	ng	99
89) Benzo(k)fluoranthene	23.218	252	516560	9.521	ng	99
90) Benzo(a)pyrene	23.800	252	432583	9.963	ng	99
91) Dibenzo(a,h)anthracene	26.441	278	363950	8.147	ng	100
92) Benzo(g,h,i)perylene	27.200	276	386616	8.361	ng	99

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

