

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012323\
 Data File : BM038515.D
 Acq On : 23 Jan 2023 19:03
 Operator : CG/JU
 Sample : N4955-01
 Misc : LOD-MDL-SOIL 8ppm
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2022

Quant Time: Jan 24 05:16:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 21 01:21:49 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 01/24/2023
 Supervised By : Jagrut Upadhyay 01/24/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	50182	20.000	ng	0.00
21) Naphthalene-d8	10.775	136	163211	20.000	ng	0.00
39) Acenaphthene-d10	14.598	164	103607	20.000	ng	0.00
64) Phenanthrene-d10	17.339	188	238082	20.000	ng	0.00
76) Chrysene-d12	21.515	240	265619	20.000	ng	0.00
86) Perylene-d12	23.927	264	339332	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	265090	87.328	ng	0.00
7) Phenol-d6	7.128	99	453410	117.068	ng	0.00
23) Nitrobenzene-d5	9.139	82	290889	77.396	ng	0.00
42) 2,4,6-Tribromophenol	16.086	330	202799	135.927	ng	0.00
45) 2-Fluorobiphenyl	13.227	172	652219	77.545	ng	0.00
79) Terphenyl-d14	19.956	244	1063344	78.044	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.375	88	11939	8.385	ng	97
3) Pyridine	3.804	79	20496m	5.481	ng	
4) n-Nitrosodimethylamine	3.704	42	13866m	7.811	ng	
6) Aniline	7.298	93	35081	7.297	ng	95
8) 2-Chlorophenol	7.528	128	25071	8.085	ng	99
9) Benzaldehyde	7.110	77	24874m	10.827	ng	
10) Phenol	7.157	94	31724	8.197	ng	92
11) bis(2-Chloroethyl)ether	7.392	93	24007	7.862	ng	99
12) 1,3-Dichlorobenzene	7.851	146	27986m	7.938	ng	
13) 1,4-Dichlorobenzene	8.004	146	29615	8.314	ng	98
14) 1,2-Dichlorobenzene	8.316	146	28232	8.182	ng	92
15) Benzyl Alcohol	8.216	79	21897	7.562	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.498	45	24390	7.606	ng	94
17) 2-Methylphenol	8.416	107	18861	6.886	ng	92
18) Hexachloroethane	9.045	117	10468	7.905	ng	93
19) n-Nitroso-di-n-propyla...	8.775	70	19458	7.216	ng	99
20) 3+4-Methylphenols	8.745	107	24914	6.786	ng	95
22) Acetophenone	8.798	105	37266	8.288	ng	# 98
24) Nitrobenzene	9.181	77	31685	8.332	ng	98
25) Isophorone	9.704	82	47701	7.691	ng	95
26) 2-Nitrophenol	9.898	139	10477	6.941	ng	94
27) 2,4-Dimethylphenol	9.951	122	17356	6.909	ng	96
28) bis(2-Chloroethoxy)met...	10.192	93	27896	7.688	ng	98
29) 2,4-Dichlorophenol	10.428	162	21771	7.387	ng	98
30) 1,2,4-Trichlorobenzene	10.639	180	27059	8.028	ng	100
31) Naphthalene	10.827	128	65990	7.443	ng	99
32) Benzoic acid	10.028	122	8755m	9.521	ng	
33) 4-Chloroaniline	10.945	127	25313	6.840	ng	97
34) Hexachlorobutadiene	11.098	225	18548	8.366	ng	96
35) Caprolactam	11.722	113	4341	6.075	ng	91
36) 4-Chloro-3-methylphenol	12.063	107	19431	7.250	ng	96
37) 2-Methylnaphthalene	12.433	142	43578m	6.839	ng	
38) 1-Methylnaphthalene	12.651	142	43266	7.199	ng	99
40) 1,2,4,5-Tetrachloroben...	12.798	216	31436	8.066	ng	98
41) Hexachlorocyclopentadiene	12.769	237	16179	7.553	ng	100
43) 2,4,6-Trichlorophenol	13.039	196	17803	7.136	ng	97

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44) 2,4,5-Trichlorophenol	13.116	196	20116	6.884	ng	97
46) 1,1'-Biphenyl	13.439	154	63817	7.691	ng	99
47) 2-Chloronaphthalene	13.480	162	50152	7.743	ng	99
48) 2-Nitroaniline	13.698	65	11890	6.251	ng	95
49) Acenaphthylene	14.327	152	70732	6.980	ng	99
50) Dimethylphthalate	14.057	163	59332	7.439	ng	100
51) 2,6-Dinitrotoluene	14.186	165	11409	6.797	ng	95
52) Acenaphthene	14.663	154	44982	7.278	ng	98
53) 3-Nitroaniline	14.515	138	9947	5.964	ng	97
54) 2,4-Dinitrophenol	14.733	184	6027	9.175	ng	90
55) Dibenzofuran	14.998	168	76451	7.399	ng	96
56) 4-Nitrophenol	14.827	139	7269	5.292	ng	86
57) 2,4-Dinitrotoluene	14.974	165	14429	6.342	ng	93
58) Fluorene	15.645	166	59647	7.119	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.221	232	17351	7.264	ng	98
60) Diethylphthalate	15.410	149	55272	7.077	ng	95
61) 4-Chlorophenyl-phenyle...	15.639	204	33225	7.553	ng	95
62) 4-Nitroaniline	15.674	138	9648	8.065	ng	92
63) Azobenzene	15.927	77	58555	7.076	ng	97
65) 4,6-Dinitro-2-methylph...	15.733	198	9268	5.997	ng	92
66) n-Nitrosodiphenylamine	15.851	169	52179	7.300	ng	95
67) 4-Bromophenyl-phenylether	16.533	248	20477	7.754	ng	94
68) Hexachlorobenzene	16.645	284	23514	8.251	ng	96
69) Atrazine	16.798	200	18370	7.704	ng	98
70) Pentachlorophenol	16.992	266	12813	6.315	ng	94
71) Phenanthrene	17.386	178	97868	7.361	ng	98
72) Anthracene	17.474	178	94881	7.013	ng	99
73) Carbazole	17.751	167	84325	7.078	ng	99
74) Di-n-butylphthalate	18.298	149	84388	6.447	ng	99
75) Fluoranthene	19.398	202	115149	7.206	ng	97
77) Benzidine	19.586	184	46943	7.755	ng	98
78) Pyrene	19.756	202	127545	6.896	ng	98
80) Butylbenzylphthalate	20.644	149	37601	5.879	ng	96
81) Benzo(a)anthracene	21.497	228	140603	7.470	ng	99
82) 3,3'-Dichlorobenzidine	21.433	252	50454	8.346	ng	99
83) Chrysene	21.550	228	138864	7.544	ng	99
84) Bis(2-ethylhexyl)phtha...	21.415	149	52039	5.614	ng	# 93
85) Di-n-octyl phthalate	22.339	149	98315	5.965	ng	99
87) Indeno(1,2,3-cd)pyrene	26.438	276	183838	7.321	ng	97
88) Benzo(b)fluoranthene	23.191	252	156349	7.638	ng	98
89) Benzo(k)fluoranthene	23.238	252	158522m	7.484	ng	
90) Benzo(a)pyrene	23.821	252	138322	6.816	ng	96
91) Dibenzo(a,h)anthracene	26.456	278	159848	7.648	ng	98
92) Benzo(g,h,i)perylene	27.215	276	164452	7.681	ng	97

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

