

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011723\
 Data File : BM038469.D
 Acq On : 17 Jan 2023 18:07
 Operator : CG/JU
 Sample : N3980-02
 Misc : LOQ-SOIL 10ppm
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SOIL-02-QT3-2022

Quant Time: Jan 19 04:51:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM011623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 17 03:06:05 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 01/24/2023
 Supervised By : Jagrut Upadhyay 01/27/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	64885	20.000	ng	0.00
21) Naphthalene-d8	10.786	136	237876	20.000	ng	0.00
39) Acenaphthene-d10	14.610	164	151116	20.000	ng	0.00
64) Phenanthrene-d10	17.351	188	349659	20.000	ng	0.00
76) Chrysene-d12	21.527	240	391417	20.000	ng	0.00
86) Perylene-d12	23.950	264	467391	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	438613	103.115	ng	-0.01
7) Phenol-d6	7.140	99	551691	101.249	ng	0.00
23) Nitrobenzene-d5	9.151	82	403199	69.063	ng	0.00
42) 2,4,6-Tribromophenol	16.098	330	257110	100.645	ng	0.00
45) 2-Fluorobiphenyl	13.239	172	802155	66.199	ng	0.00
79) Terphenyl-d14	19.968	244	1534632	73.397	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.381	88	16897	8.692	ng	97
3) Pyridine	3.804	79	42917	7.632	ng	# 93
4) n-Nitrosodimethylamine	3.710	42	30082m	9.041	ng	
6) Aniline	7.304	93	55819	8.110	ng	98
8) 2-Chlorophenol	7.534	128	36231	8.603	ng	93
9) Benzaldehyde	7.116	77	39686	10.892	ng	94
10) Phenol	7.163	94	49421	8.704	ng	96
11) bis(2-Chloroethyl)ether	7.398	93	38694	8.409	ng	98
12) 1,3-Dichlorobenzene	7.863	146	40668	9.014	ng	97
13) 1,4-Dichlorobenzene	8.010	146	41359	9.112	ng	96
14) 1,2-Dichlorobenzene	8.328	146	40265	9.073	ng	94
15) Benzyl Alcohol	8.222	79	35930	8.233	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.510	45	58453	9.111	ng	96
17) 2-Methylphenol	8.422	107	30884	8.053	ng	99
18) Hexachloroethane	9.051	117	16941	9.112	ng	90
19) n-Nitroso-di-n-propyla...	8.787	70	33370	8.437	ng	96
20) 3+4-Methylphenols	8.751	107	38914	7.557	ng	97
22) Acetophenone	8.810	105	58728	8.352	ng	# 96
24) Nitrobenzene	9.192	77	55467	8.992	ng	98
25) Isophorone	9.716	82	85098	8.229	ng	98
26) 2-Nitrophenol	9.904	139	17123	7.907	ng	91
27) 2,4-Dimethylphenol	9.957	122	25584	6.938	ng	97
28) bis(2-Chloroethoxy)met...	10.198	93	48595	8.356	ng	99
29) 2,4-Dichlorophenol	10.439	162	31882	7.826	ng	96
30) 1,2,4-Trichlorobenzene	10.651	180	37758	8.015	ng	95
31) Naphthalene	10.839	128	103206	8.187	ng	99
32) Benzoic acid	10.051	122	15270m	9.557	ng	
33) 4-Chloroaniline	10.957	127	40859	7.384	ng	96
34) Hexachlorobutadiene	11.116	225	27026	8.180	ng	97
35) Caprolactam	11.739	113	8801	7.643	ng	# 89
36) 4-Chloro-3-methylphenol	12.075	107	34674	7.806	ng	90
37) 2-Methylnaphthalene	12.445	142	67728	7.347	ng	98
38) 1-Methylnaphthalene	12.663	142	65208	7.535	ng	97
40) 1,2,4,5-Tetrachloroben...	12.804	216	43546	7.699	ng	99
41) Hexachlorocyclopentadiene	12.780	237	23283	7.240	ng	99
43) 2,4,6-Trichlorophenol	13.051	196	27932	7.812	ng	97

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44) 2,4,5-Trichlorophenol	13.122	196	30067	7.133	ng	95
46) 1,1'-Biphenyl	13.445	154	92777	7.914	ng	99
47) 2-Chloronaphthalene	13.492	162	75347	8.165	ng	96
48) 2-Nitroaniline	13.704	65	25032	8.825	ng	92
49) Acenaphthylene	14.333	152	111022	7.631	ng	100
50) Dimethylphthalate	14.069	163	93491	7.634	ng	# 97
51) 2,6-Dinitrotoluene	14.192	165	18227	7.316	ng	91
52) Acenaphthene	14.674	154	69353	7.844	ng	100
53) 3-Nitroaniline	14.527	138	17668	8.736	ng	95
54) 2,4-Dinitrophenol	14.739	184	10859	10.484	ng	92
55) Dibenzofuran	15.010	168	117434	7.801	ng	97
56) 4-Nitrophenol	14.833	139	13923	9.735	ng	95
57) 2,4-Dinitrotoluene	14.980	165	24661	7.120	ng	88
58) Fluorene	15.657	166	92332	7.341	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.233	232	26598	7.116	ng	97
60) Diethylphthalate	15.421	149	95420	7.595	ng	98
61) 4-Chlorophenyl-phenyle...	15.645	204	50996	7.387	ng	97
62) 4-Nitroaniline	15.686	138	17529m	8.583	ng	
63) Azobenzene	15.939	77	112936	8.170	ng	97
65) 4,6-Dinitro-2-methylph...	15.739	198	17826	7.513	ng	87
66) n-Nitrosodiphenylamine	15.863	169	78254	7.627	ng	97
67) 4-Bromophenyl-phenylether	16.539	248	31984	7.908	ng	95
68) Hexachlorobenzene	16.657	284	35995	7.948	ng	98
69) Atrazine	16.810	200	29803	8.214	ng	98
70) Pentachlorophenol	17.004	266	25330	7.661	ng	96
71) Phenanthrene	17.392	178	152429	7.880	ng	99
72) Anthracene	17.486	178	148930	7.491	ng	100
73) Carbazole	17.757	167	133299	7.667	ng	98
74) Di-n-butylphthalate	18.309	149	159392	7.719	ng	99
75) Fluoranthene	19.403	202	183889	7.562	ng	99
77) Benzidine	19.598	184	83029	9.681	ng	99
78) Pyrene	19.768	202	198869	7.635	ng	99
80) Butylbenzylphthalate	20.656	149	73287	7.697	ng	91
81) Benzo(a)anthracene	21.509	228	219226	7.787	ng	99
82) 3,3'-Dichlorobenzidine	21.445	252	78866	8.700	ng	98
83) Chrysene	21.562	228	214339	7.835	ng	98
84) Bis(2-ethylhexyl)phtha...	21.421	149	107621	7.863	ng	# 98
85) Di-n-octyl phthalate	22.350	149	192153	7.979	ng	96
87) Indeno(1,2,3-cd)pyrene	26.468	276	255308	7.381	ng	98
88) Benzo(b)fluoranthene	23.203	252	237616	8.199	ng	98
89) Benzo(k)fluoranthene	23.256	252	228939	7.639	ng	100
90) Benzo(a)pyrene	23.838	252	204825	7.202	ng	# 97
91) Dibenzo(a,h)anthracene	26.479	278	222088	7.651	ng	98
92) Benzo(g,h,i)perylene	27.244	276	227197	7.890	ng	97

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

