

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101818\
 Data File : BM017193.D
 Acq On : 18 Oct 2018 15:13
 Operator : MJ/SJ
 Sample : J5164-03
 Misc : MDL 2 PPM
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-MDL-SOIL-03-QT4-2018

Quant Time: Oct 19 09:35:19 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM101718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 17 14:23:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	208152	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	856732	20.00	ng	0.00
39) Acenaphthene-d10	14.31	164	488277	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	1146792	20.00	ng	0.00
76) Chrysene-d12	21.25	240	1314059	20.00	ng	-0.01
87) Perylene-d12	23.46	264	1359129	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	1542340	125.32	ng	0.00
7) Phenol-d6	6.85	99	2004059	119.56	ng	0.00
23) Nitrobenzene-d5	8.82	82	1176411	80.31	ng	-0.01
42) 2,4,6-Tribromophenol	15.81	330	863047	130.70	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	2808398	76.53	ng	0.00
79) Terphenyl-d14	19.70	244	4385171	75.22	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.27	88	10407	1.656	ng	# 90
3) Pyridine	3.66	79	24533	1.697	ng	# 81
4) n-Nitrosodimethylamine	3.57	42	10849	1.869	ng	# 68
6) Aniline	7.01	93	23794	1.135	ng	95
8) 2-Chlorophenol	7.23	128	25696	1.805	ng	93
9) Benzaldehyde	6.83	77	21413	2.004	ng	84
10) Phenol	6.87	94	30897	1.713	ng	88
11) bis(2-Chloroethyl)ether	7.11	93	23365	1.625	ng	95
12) 1,3-Dichlorobenzene	7.56	146	27980	1.686	ng	95
13) 1,4-Dichlorobenzene	7.70	146	28391	1.674	ng	95
14) 1,2-Dichlorobenzene	8.02	146	27181	1.664	ng	91
15) Benzyl Alcohol	7.92	79	20181	1.647	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.19	45	32376	1.612	ng	99
17) 2-Methylphenol	8.12	107	18166	1.569	ng	93
18) Hexachloroethane	8.74	117	9542	1.644	ng	92
19) n-Nitroso-di-n-propylamine	8.47	70	16950	1.536	ng	# 96
20) 3+4-Methylphenols	8.44	107	21880	1.382	ng	92
22) Acetophenone	8.49	105	35825	1.650	ng	# 96
24) Nitrobenzene	8.86	77	28502	1.839	ng	# 85
25) Isophorone	9.39	82	42632	1.762	ng	99
26) 2-Nitrophenol	9.57	139	9474	6.855	ng	98
27) 2,4-Dimethylphenol	9.63	122	18381	1.719	ng	88
28) bis(2-Chloroethoxy)methane	9.87	93	28480	1.673	ng	98
29) 2,4-Dichlorophenol	10.10	162	18229	1.468	ng	94
30) 1,2,4-Trichlorobenzene	10.31	180	26889	1.805	ng	98
31) Naphthalene	10.49	128	78146	1.861	ng	98
32) Benzoic acid	9.83	122	189	0.024	ng	# 30
33) 4-Chloroaniline	10.62	127	19653	1.084	ng	# 93
34) Hexachlorobutadiene	10.78	225	16171	1.713	ng	# 84
35) Caprolactam	11.40	113	4112	0.909	ng	89
36) 4-Chloro-3-methylphenol	11.75	107	19861	1.419	ng	# 84
37) 2-Methylnaphthalene	12.12	142	55282	1.924	ng	94
38) 1-Methylnaphthalene	12.33	142	53131	1.900	ng	# 97
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	29009	1.687	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	16786	2.019	ng	96
43) 2,4,6-Trichlorophenol	12.74	196	13806	1.383	ng	96
44) 2,4,5-Trichlorophenol	12.81	196	15284	1.428	ng	87
46) 1,1'-Biphenyl	13.14	154	74868	1.704	ng	93
47) 2-Chloronaphthalene	13.18	162	53497	1.655	ng	98
48) 2-Nitroaniline	13.40	65	10641	6.714	ng	96
49) Acenaphthylene	14.03	152	78511	1.676	ng	96
50) Dimethylphthalate	13.77	163	66781	1.773	ng	99
51) 2,6-Dinitrotoluene	13.89	165	10254	1.237	ng #	81
52) Acenaphthene	14.37	154	50755	1.725	ng	97
53) 3-Nitroaniline	14.23	138	8450	0.941	ng	90
54) 2,4-Dinitrophenol	14.44	184	3256	8.827	ng #	89
55) Dibenzofuran	14.71	168	87097	1.780	ng	98
56) 4-Nitrophenol	14.55	139	6304	5.442	ng	82
57) 2,4-Dinitrotoluene	14.69	165	13117	1.177	ng #	93
58) Fluorene	15.36	166	64676	1.786	ng	97
59) 2,3,4,6-Tetrachlorophenol	14.94	232	14840	1.521	ng #	95
60) Diethylphthalate	15.14	149	63220	1.692	ng	98
61) 4-Chlorophenyl-phenylether	15.36	204	35355	1.713	ng	93
62) 4-Nitroaniline	15.39	138	7830	5.459	ng	93
63) Azobenzene	15.66	77	52855	1.456	ng	97
65) 4,6-Dinitro-2-methylphenol	15.45	198	6192	7.720	ng #	77
66) n-Nitrosodiphenylamine	15.58	169	51609	1.487	ng	98
67) 4-Bromophenyl-phenylether	16.26	248	21031	1.670	ng	93
68) Hexachlorobenzene	16.36	284	25286	1.729	ng	93
69) Atrazine	16.53	200	16773	1.351	ng	94
70) Pentachlorophenol	16.72	266	9630	0.961	ng	92
71) Phenanthrene	17.10	178	113720	1.838	ng	99
72) Anthracene	17.20	178	100223	1.705	ng	99
73) Carbazole	17.47	167	84472	1.407	ng	98
74) Di-n-butylphthalate	18.04	149	85794	1.354	ng	98
75) Fluoranthene	19.13	202	121150	1.740	ng	99
77) Benzidine	19.32	184	24326	0.730	ng	98
78) Pyrene	19.49	202	127530	1.736	ng	98
80) Butylbenzylphthalate	20.40	149	35642	8.261	ng	91
81) Benzo(a)anthracene	21.24	228	132409	1.791	ng	97
82) 3,3'-Dichlorobenzidine	21.18	252	28907	1.049	ng	98
83) Chrysene	21.29	228	135556	1.852	ng	97
84) Bis(2-ethylhexyl)phthalate	21.18	149	49910	6.346	ng	99
85) Di-n-octyl phthalate	22.05	149	87076	6.634	ng #	97
86) Indeno(1,2,3-cd)pyrene	25.68	276	148566	1.815	ng	98
88) Benzo(b)fluoranthene	22.80	252	134522	1.810	ng	97
89) Benzo(k)fluoranthene	22.84	252	124778	1.673	ng	98
90) Benzo(a)pyrene	23.37	252	124858	1.770	ng	99
91) Dibenzo(a,h)anthracene	25.69	278	128910	1.840	ng	96
92) Benzo(g,h,i)perylene	26.34	276	129454	1.864	ng	96

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

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