

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110220\
 Data File : BM027673.D
 Acq On : 02 Nov 2020 12:28
 Operator : JU/CG
 Sample : L4214-02
 Misc : LOQ-SOIL 5PPM
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SOIL-02-QT4-2020

Manual Integrations
 APPROVED

mohammad

11/3/2020 10:02:44 AM

Quant Time: Nov 02 13:56:00 2020
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 02 13:50:31 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.404	152	28510	20.00	ng	0.00
21) Naphthalene-d8	11.245	136	102464	20.00	ng	# 0.00
39) Acenaphthene-d10	15.010	164	63604	20.00	ng	0.00
64) Phenanthrene-d10	17.727	188	139743	20.00	ng	0.00
76) Chrysene-d12	21.827	240	132243	20.00	ng	0.00
86) Perylene-d12	24.280	264	132587	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.869	112	257960	142.96	ng	0.00
7) Phenol-d6	7.522	99	339107	133.72	ng	0.00
23) Nitrobenzene-d5	9.581	82	255166	113.61	ng	0.00
42) 2,4,6-Tribromophenol	16.480	330	122694	161.55	ng	0.00
45) 2-Fluorobiphenyl	13.651	172	510115	114.44	ng	0.00
79) Terphenyl-d14	20.286	244	771369	115.06	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.575	88	3702	4.78	ng	# 64
3) Pyridine	4.028	79	9650	4.34	ng	# 51
4) n-Nitrosodimethylamine	3.922	42	6744	4.90	ng	# 41
6) Aniline	7.704	93	13699	4.79	ng	# 94
8) 2-Chlorophenol	7.951	128	8574	4.73	ng	92
9) Benzaldehyde	7.510	77	10140	7.76	ng	88
10) Phenol	7.546	94	11697	4.88	ng	89
11) bis(2-Chloroethyl)ether	7.798	93	9210	5.00	ng	95
12) 1,3-Dichlorobenzene	8.293	146	10427	4.72	ng	91
13) 1,4-Dichlorobenzene	8.440	146	10518	4.73	ng	87
14) 1,2-Dichlorobenzene	8.763	146	9899	4.68	ng	96
15) Benzyl Alcohol	8.634	79	9655	4.76	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.940	45	13934	4.73	ng	73
17) 2-Methylphenol	8.828	107	7436	4.61	ng	93
18) Hexachloroethane	9.510	117	4069	4.62	ng	92
19) n-Nitroso-di-n-propyla...	9.204	70	7866	4.74	ng	# 67
20) 3+4-Methylphenols	9.157	107	9784	4.56	ng	95
22) Acetophenone	9.228	105	15290	5.25	ng	# 82
24) Nitrobenzene	9.622	77	13210	5.72	ng	95
25) Isophorone	10.145	82	20245	5.20	ng	97
26) 2-Nitrophenol	10.339	139	3561	4.68	ng	96
27) 2,4-Dimethylphenol	10.387	122	10461	7.01	ng	# 80
28) bis(2-Chloroethoxy)met...	10.622	93	11805	5.03	ng	95
29) 2,4-Dichlorophenol	10.869	162	7390	4.58	ng	98
30) 1,2,4-Trichlorobenzene	11.098	180	9743	4.95	ng	# 96
31) Naphthalene	11.292	128	28013	5.17	ng	# 94
32) Benzoic acid	10.404	122	2866m	3.26	ng	
33) 4-Chloroaniline	11.386	127	11190	4.70	ng	93
34) Hexachlorobutadiene	11.575	225	6359	4.99	ng	# 88
35) Caprolactam	12.110	113	2221	4.13	ng	# 44
36) 4-Chloro-3-methylphenol	12.469	107	8973	4.78	ng	95
37) 2-Methylnaphthalene	12.875	142	19733	5.14	ng	94
38) 1-Methylnaphthalene	13.092	142	18143	4.98	ng	90
40) 1,2,4,5-Tetrachloroben...	13.233	216	10797	5.37	ng	97
41) Hexachlorocyclopentadiene	13.216	237	5636	5.15	ng	98
43) 2,4,6-Trichlorophenol	13.457	196	5829	4.46	ng	89

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.522	196	6286	4.49	ng	# 89
46) 1,1'-Biphenyl	13.857	154	25868	5.32	ng	93
47) 2-Chloronaphthalene	13.904	162	20114	5.00	ng	93
48) 2-Nitroaniline	14.086	65	5209	3.85	ng	# 84
49) Acenaphthylene	14.739	152	30055	4.94	ng	99
50) Dimethylphthalate	14.451	163	25223	4.95	ng	# 98
51) 2,6-Dinitrotoluene	14.563	165	4516	4.51	ng	# 81
52) Acenaphthene	15.074	154	19487	4.89	ng	99
53) 3-Nitroaniline	14.892	138	4788	4.22	ng	# 93
54) 2,4-Dinitrophenol	15.098	184	1667	3.94	ng	# 84
55) Dibenzofuran	15.404	168	30600	5.16	ng	98
56) 4-Nitrophenol	15.169	139	3552	3.86	ng	92
57) 2,4-Dinitrotoluene	15.345	165	5553	4.09	ng	# 87
58) Fluorene	16.045	166	24637	5.07	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.616	232	5540	4.51	ng	# 92
60) Diethylphthalate	15.792	149	25407	4.89	ng	94
61) 4-Chlorophenyl-phenyle...	16.033	204	12313	4.92	ng	91
62) 4-Nitroaniline	16.039	138	4797	3.73	ng	86
63) Azobenzene	16.321	77	27682	5.14	ng	86
65) 4,6-Dinitro-2-methylph...	16.092	198	2516	4.47	ng	87
66) n-Nitrosodiphenylamine	16.233	169	21200	5.03	ng	92
67) 4-Bromophenyl-phenylether	16.916	248	7161	4.79	ng	# 82
68) Hexachlorobenzene	17.039	284	8380	4.83	ng	96
69) Atrazine	17.157	200	6923	4.85	ng	98
70) Pentachlorophenol	17.368	266	4089	4.35	ng	96
71) Phenanthrene	17.768	178	38419	4.87	ng	98
72) Anthracene	17.857	178	39352	5.10	ng	96
73) Carbazole	18.110	167	35657	4.87	ng	97
74) Di-n-butylphthalate	18.657	149	39597	4.60	ng	98
75) Fluoranthene	19.739	202	43785	4.72	ng	100
77) Benzidine	19.904	184	19393	5.15	ng	# 95
78) Pyrene	20.098	202	46082	5.02	ng	96
80) Butylbenzylphthalate	20.956	149	13774	3.97	ng	96
81) Benzo(a)anthracene	21.809	228	45038	5.05	ng	98
82) 3,3'-Dichlorobenzidine	21.727	252	15010	4.90	ng	# 97
83) Chrysene	21.862	228	42666	4.95	ng	95
84) Bis(2-ethylhexyl)phtha...	21.715	149	23520	4.64	ng	# 98
85) Di-n-octyl phthalate	22.662	149	39416	4.60	ng	# 85
87) Indeno(1,2,3-cd)pyrene	26.821	276	47154	4.86	ng	# 94
88) Benzo(b)fluoranthene	23.533	252	45853	5.07	ng	99
89) Benzo(k)fluoranthene	23.580	252	42868	4.98	ng	99
90) Benzo(a)pyrene	24.168	252	39835	4.78	ng	# 95
91) Dibenzo(a,h)anthracene	26.833	278	40058	5.05	ng	98
92) Benzo(g,h,i)perylene	27.597	276	40225	5.19	ng	98

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

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