

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032621\
 Data File : BM029234.D
 Acq On : 26 Mar 2021 15:07
 Operator : CG/JU
 Sample : M1458-02
 Misc : LOQ--SOIL-10PPM
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SOIL-02-QT1-2021

Manual Integrations
 APPROVED

mohammad
 3/29/2021 3:27:07 PM

Quant Time: Mar 26 15:38:24 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 26 12:33:48 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.757	152	96678	20.00	ng	0.00
21) Naphthalene-d8	10.533	136	383353	20.00	ng	0.00
39) Acenaphthene-d10	14.380	164	228620	20.00	ng	0.00
64) Phenanthrene-d10	17.115	188	471174	20.00	ng	-0.01
76) Chrysene-d12	21.286	240	489759	20.00	ng	-0.01
86) Perylene-d12	23.521	264	509801	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	456247	81.35	ng	0.00
7) Phenol-d6	6.922	99	636693	79.11	ng	0.00
23) Nitrobenzene-d5	8.904	82	508088	64.35	ng	0.00
42) 2,4,6-Tribromophenol	15.862	330	164349	77.63	ng	-0.01
45) 2-Fluorobiphenyl	13.004	172	1041559	64.62	ng	0.00
79) Terphenyl-d14	19.739	244	1456433	59.74	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.304	88	25980	10.19	ng	96
3) Pyridine	3.704	79	64748	10.54	ng	94
4) n-Nitrosodimethylamine	3.616	42	25252	9.16	ng	# 94
6) Aniline	7.087	93	102074	11.71	ng	99
8) 2-Chlorophenol	7.322	128	64683	10.22	ng	95
9) Benzaldehyde	6.904	77	62057	12.28	ng	94
10) Phenol	6.945	94	85599	10.76	ng	98
11) bis(2-Chloroethyl)ether	7.187	93	59779	10.51	ng	97
12) 1,3-Dichlorobenzene	7.645	146	74897	10.58	ng	97
13) 1,4-Dichlorobenzene	7.792	146	74389	10.36	ng	97
14) 1,2-Dichlorobenzene	8.104	146	73052	10.59	ng	96
15) Benzyl Alcohol	7.992	79	59300	10.18	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.281	45	96954	11.11	ng	96
17) 2-Methylphenol	8.192	107	52852	10.34	ng	99
18) Hexachloroethane	8.834	117	27198	10.43	ng	97
19) n-Nitroso-di-n-propyla...	8.557	70	53477	10.30	ng	99
20) 3+4-Methylphenols	8.516	107	69870	10.22	ng	99
22) Acetophenone	8.575	105	100277	10.45	ng	# 97
24) Nitrobenzene	8.945	77	85439	10.37	ng	97
25) Isophorone	9.469	82	127748	9.42	ng	100
26) 2-Nitrophenol	9.657	139	23945	8.71	ng	91
27) 2,4-Dimethylphenol	9.716	122	54834	10.41	ng	92
28) bis(2-Chloroethoxy)met...	9.951	93	81082	11.31	ng	96
29) 2,4-Dichlorophenol	10.180	162	53584	9.35	ng	94
30) 1,2,4-Trichlorobenzene	10.404	180	65086	10.01	ng	98
31) Naphthalene	10.586	128	204759	10.13	ng	98
32) Benzoic acid	9.781	122	21792m	7.12	ng	
33) 4-Chloroaniline	10.692	127	82481	10.33	ng	97
34) Hexachlorobutadiene	10.880	225	35757	9.47	ng	93
35) Caprolactam	11.451	113	13504	7.77	ng	# 91
36) 4-Chloro-3-methylphenol	11.810	107	57829	9.45	ng	98
37) 2-Methylnaphthalene	12.198	142	141400	10.01	ng	100
38) 1-Methylnaphthalene	12.416	142	131604	9.79	ng	95
40) 1,2,4,5-Tetrachloroben...	12.569	216	63630	9.93	ng	99
41) Hexachlorocyclopentadiene	12.557	237	36865	10.49	ng	99
43) 2,4,6-Trichlorophenol	12.810	196	37996	9.11	ng	96

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44) 2,4,5-Trichlorophenol	12.874	196	42947	9.26	ng	98
46) 1,1'-Biphenyl	13.216	154	182457	10.50	ng	97
47) 2-Chloronaphthalene	13.251	162	140040	10.23	ng	99
48) 2-Nitroaniline	13.457	65	38783	9.66	ng	97
49) Acenaphthylene	14.098	152	210156	10.10	ng	98
50) Dimethylphthalate	13.839	163	169000	10.58	ng	99
51) 2,6-Dinitrotoluene	13.951	165	32934	9.53	ng	85
52) Acenaphthene	14.445	154	141488	10.69	ng	98
53) 3-Nitroaniline	14.280	138	33947	9.70	ng	100
54) 2,4-Dinitrophenol	14.486	184	12621	7.31	ng	98
55) Dibenzofuran	14.780	168	214840	10.32	ng	98
56) 4-Nitrophenol	14.580	139	27283	8.54	ng	95
57) 2,4-Dinitrotoluene	14.739	165	41528	9.14	ng	95
58) Fluorene	15.427	166	174107	10.32	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.004	232	35052	9.22	ng	96
60) Diethylphthalate	15.204	149	164558	10.46	ng	98
61) 4-Chlorophenyl-phenyle...	15.427	204	80019	10.28	ng	98
62) 4-Nitroaniline	15.439	138	33996	9.23	ng	89
63) Azobenzene	15.715	77	184968	10.28	ng	98
65) 4,6-Dinitro-2-methylph...	15.498	198	18166	6.92	ng	91
66) n-Nitrosodiphenylamine	15.639	169	147319	9.77	ng	99
67) 4-Bromophenyl-phenylether	16.315	248	38409	8.89	ng	96
68) Hexachlorobenzene	16.427	284	50005	9.84	ng	98
69) Atrazine	16.586	200	40929	8.59	ng	97
70) Pentachlorophenol	16.768	266	24904	7.96	ng	99
71) Phenanthrene	17.157	178	272690	9.98	ng	99
72) Anthracene	17.251	178	266334	10.03	ng	99
73) Carbazole	17.515	167	245094	9.38	ng	100
74) Di-n-butylphthalate	18.092	149	231636	9.19	ng	100
75) Fluoranthene	19.168	202	297944	9.87	ng	100
77) Benzidine	19.356	184	117346	8.29	ng	98
78) Pyrene	19.533	202	314391	9.48	ng	99
80) Butylbenzylphthalate	20.439	149	93149	8.31	ng	95
81) Benzo(a)anthracene	21.274	228	308358	9.65	ng	99
82) 3,3'-Dichlorobenzidine	21.209	252	96062	10.06	ng	98
83) Chrysene	21.321	228	303338	9.49	ng	99
84) Bis(2-ethylhexyl)phtha...	21.215	149	142240	8.83	ng	99
85) Di-n-octyl phthalate	22.091	149	221254	8.48	ng	96
87) Indeno(1,2,3-cd)pyrene	25.774	276	374468	10.04	ng	100
88) Benzo(b)fluoranthene	22.850	252	324394	9.78	ng	100
89) Benzo(k)fluoranthene	22.891	252	305976	9.50	ng	100
90) Benzo(a)pyrene	23.427	252	281203	9.36	ng	99
91) Dibenzo(a,h)anthracene	25.791	278	311145	9.75	ng	98
92) Benzo(g,h,i)perylene	26.468	276	313577	10.03	ng	100

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

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