

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080321\
 Data File : BP006483.D
 Acq On : 03 Aug 2021 18:08
 Operator : CG/JU
 Sample : M2262-02
 Misc : LOQ-SOIL-10ppm
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOQ-SOIL-02-QT2-2021

Manual Integrations
 APPROVED

mohammad
 8/4/2021 3:46:06 PM

Quant Time: Aug 03 18:43:42 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 03 18:07:44 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.758	152	178738	20.000	ng	0.00
21) Naphthalene-d8	10.540	136	742663	20.000	ng	# 0.00
39) Acenaphthene-d10	14.387	164	426430	20.000	ng	0.00
64) Phenanthrene-d10	17.140	188	858508	20.000	ng	# 0.00
76) Chrysene-d12	21.233	240	869594	20.000	ng	# 0.00
86) Perylene-d12	23.563	264	894701	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	1391104	119.541	ng	0.00
7) Phenol-d6	6.934	99	1927208	116.584	ng	0.00
23) Nitrobenzene-d5	8.916	82	1051393	65.345	ng	0.00
42) 2,4,6-Tribromophenol	15.881	330	526860	118.218	ng	0.00
45) 2-Fluorobiphenyl	13.010	172	1829895	64.202	ng	0.00
79) Terphenyl-d14	19.716	244	2656979	61.224	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.311	88	55616	10.978	ng	90
3) Pyridine	3.705	79	139077	9.340	ng	89
4) n-Nitrosodimethylamine	3.617	42	59990	10.674	ng	# 92
6) Aniline	7.093	93	206802	11.517	ng	94
8) 2-Chlorophenol	7.322	128	127524	10.128	ng	90
9) Benzaldehyde	6.911	77	130646m	13.131	ng	
10) Phenol	6.958	94	165130	9.962	ng	94
11) bis(2-Chloroethyl)ether	7.193	93	129373	10.279	ng	90
12) 1,3-Dichlorobenzene	7.646	146	136501	10.402	ng	96
13) 1,4-Dichlorobenzene	7.793	146	138043	10.365	ng	95
14) 1,2-Dichlorobenzene	8.105	146	133231	10.425	ng	94
15) Benzyl Alcohol	8.005	79	119992	9.679	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.293	45	155808	10.403	ng	92
17) 2-Methylphenol	8.205	107	104151	9.951	ng	98
18) Hexachloroethane	8.828	117	55587	10.545	ng	# 87
19) n-Nitroso-di-n-propyla...	8.563	70	109286	9.854	ng	# 96
20) 3+4-Methylphenols	8.528	107	138549	9.725	ng	98
22) Acetophenone	8.581	105	206192	10.469	ng	97
24) Nitrobenzene	8.958	77	168872	10.097	ng	91
25) Isophorone	9.481	82	263761	9.127	ng	94
26) 2-Nitrophenol	9.663	139	53597	8.805	ng	94
27) 2,4-Dimethylphenol	9.728	122	113022	11.088	ng	99
28) bis(2-Chloroethoxy)met...	9.969	93	167262	10.817	ng	# 97
29) 2,4-Dichlorophenol	10.193	162	94654	9.172	ng	93
30) 1,2,4-Trichlorobenzene	10.405	180	110551	9.970	ng	97
31) Naphthalene	10.593	128	394668	9.890	ng	100
32) Benzoic acid	9.799	122	51080m	6.478	ng	
33) 4-Chloroaniline	10.705	127	164030	10.157	ng	# 95
34) Hexachlorobutadiene	10.875	225	63566	9.837	ng	96
35) Caprolactam	11.481	113	32468	8.726	ng	# 66
36) 4-Chloro-3-methylphenol	11.828	107	119440	9.110	ng	88
37) 2-Methylnaphthalene	12.204	142	267922	9.908	ng	99
38) 1-Methylnaphthalene	12.422	142	246320	9.585	ng	98
40) 1,2,4,5-Tetrachloroben...	12.569	216	115090	10.312	ng	# 96
41) Hexachlorocyclopentadiene	12.552	237	74095	12.517	ng	99
43) 2,4,6-Trichlorophenol	12.816	196	67817	8.899	ng	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.881	196	76932	9.120	ng	# 87
46) 1,1'-Biphenyl	13.222	154	334922	10.377	ng	96
47) 2-Chloronaphthalene	13.257	162	245082	9.860	ng	93
48) 2-Nitroaniline	13.469	65	78055	8.898	ng	# 84
49) Acenaphthylene	14.104	152	396853	9.902	ng	99
50) Dimethylphthalate	13.851	163	307794	9.916	ng	98
51) 2,6-Dinitrotoluene	13.969	165	60949	8.799	ng	# 71
52) Acenaphthene	14.451	154	238094	9.761	ng	99
53) 3-Nitroaniline	14.298	138	69597	9.064	ng	# 80
54) 2,4-Dinitrophenol	14.498	184	24113	6.657	ng	# 78
55) Dibenzofuran	14.787	168	376843	9.822	ng	95
56) 4-Nitrophenol	14.598	139	57440	8.615	ng	# 81
57) 2,4-Dinitrotoluene	14.751	165	78693	8.472	ng	# 72
58) Fluorene	15.434	166	299320	9.760	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.010	232	61076	8.640	ng	# 65
60) Diethylphthalate	15.222	149	317747	9.746	ng	98
61) 4-Chlorophenyl-phenyle...	15.440	204	139571	10.050	ng	# 89
62) 4-Nitroaniline	15.457	138	72719	8.925	ng	94
63) Azobenzene	15.728	77	361853	9.520	ng	92
65) 4,6-Dinitro-2-methylph...	15.516	198	34341	6.547	ng	72
66) n-Nitrosodiphenylamine	15.651	169	253653	9.400	ng	99
67) 4-Bromophenyl-phenylether	16.334	248	78076	9.478	ng	# 85
68) Hexachlorobenzene	16.434	284	92036	9.818	ng	# 86
69) Atrazine	16.610	200	82375	9.783	ng	96
70) Pentachlorophenol	16.787	266	49095	8.255	ng	97
71) Phenanthrene	17.181	178	472585	9.759	ng	99
72) Anthracene	17.269	178	459473	9.819	ng	100
73) Carbazole	17.545	167	440255	9.224	ng	99
74) Di-n-butylphthalate	18.116	149	492761	9.062	ng	99
75) Fluoranthene	19.151	202	509273	9.370	ng	94
77) Benzidine	19.339	184	275727	12.671	ng	99
78) Pyrene	19.504	202	542778	9.345	ng	98
80) Butylbenzylphthalate	20.398	149	212615	8.324	ng	# 84
81) Benzo(a)anthracene	21.222	228	530833	9.341	ng	100
82) 3,3'-Dichlorobenzidine	21.163	252	181611	12.173	ng	# 98
83) Chrysene	21.269	228	527686	9.578	ng	99
84) Bis(2-ethylhexyl)phtha...	21.163	149	332755	8.669	ng	# 95
85) Di-n-octyl phthalate	22.069	149	532235	8.413	ng	# 93
87) Indeno(1,2,3-cd)pyrene	25.963	276	605776	9.338	ng	# 88
88) Benzo(b)fluoranthene	22.851	252	553095	9.512	ng	# 95
89) Benzo(k)fluoranthene	22.898	252	516194	9.246	ng	# 95
90) Benzo(a)pyrene	23.457	252	499947	9.586	ng	# 95
91) Dibenzo(a,h)anthracene	25.986	278	526333	9.383	ng	# 92
92) Benzo(g,h,i)perylene	26.698	276	506780	9.428	ng	# 90

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

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