

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111521\
 Data File : BP007983.D
 Acq On : 15 Nov 2021 15:42
 Operator : CG/JU
 Sample : M4068-02
 Misc : LOQ-SOIL 10ppm
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOQ-SOIL-02-QT4-2021

Quant Time: Nov 15 16:17:23 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 15 12:21:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	132708	20.000	ng	0.00
21) Naphthalene-d8	10.640	136	535292	20.000	ng	# 0.00
39) Acenaphthene-d10	14.486	164	380368	20.000	ng	0.00
64) Phenanthrene-d10	17.245	188	863652	20.000	ng	# 0.00
76) Chrysene-d12	21.339	240	1069005	20.000	ng	0.00
86) Perylene-d12	23.751	264	1231138	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	1031875	126.137	ng	0.00
7) Phenol-d6	7.016	99	1400475	128.684	ng	0.00
23) Nitrobenzene-d5	9.004	82	783480	78.325	ng	0.00
42) 2,4,6-Tribromophenol	15.980	330	772742	129.121	ng	0.00
45) 2-Fluorobiphenyl	13.110	172	1988047	73.315	ng	0.00
79) Terphenyl-d14	19.816	244	3340260	63.359	ng	0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.334	88	34894	10.135	ng	97
3) Pyridine	3.740	79	85671	8.675	ng	98
4) n-Nitrosodimethylamine	3.646	42	41099	11.267	ng	97
6) Aniline	7.169	93	134363	10.933	ng	95
8) 2-Chlorophenol	7.410	128	82584	9.549	ng	98
9) Benzaldehyde	6.981	77	75476	10.753	ng	93
10) Phenol	7.046	94	109155	10.338	ng	93
11) bis(2-Chloroethyl)ether	7.269	93	79712	9.186	ng	98
12) 1,3-Dichlorobenzene	7.728	146	93348	9.598	ng	100
13) 1,4-Dichlorobenzene	7.875	146	95757	9.684	ng	98
14) 1,2-Dichlorobenzene	8.193	146	91816	9.196	ng	98
15) Benzyl Alcohol	8.087	79	77038	9.359	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.375	45	95165	9.075	ng	97
17) 2-Methylphenol	8.293	107	67710	9.312	ng	98
18) Hexachloroethane	8.922	117	32601	9.723	ng	93
19) n-Nitroso-di-n-propyla...	8.651	70	64204	9.477	ng	99
20) 3+4-Methylphenols	8.616	107	94141	9.342	ng	97
22) Acetophenone	8.663	105	127798	9.386	ng	99
24) Nitrobenzene	9.046	77	100199	10.481	ng	100
25) Isophorone	9.575	82	166795	9.587	ng	96
26) 2-Nitrophenol	9.757	139	44779	9.175	ng	# 92
27) 2,4-Dimethylphenol	9.822	122	78804	10.931	ng	96
28) bis(2-Chloroethoxy)met...	10.057	93	107068	9.274	ng	98
29) 2,4-Dichlorophenol	10.293	162	83629	9.423	ng	99
30) 1,2,4-Trichlorobenzene	10.504	180	97112	9.564	ng	99
31) Naphthalene	10.693	128	265615	9.717	ng	99
32) Benzoic acid	9.922	122	33263	5.339	ng	96
33) 4-Chloroaniline	10.804	127	113801	9.693	ng	97
34) Hexachlorobutadiene	10.981	225	66189	9.540	ng	98
35) Caprolactam	11.587	113	25710	13.191	ng	# 84
36) 4-Chloro-3-methylphenol	11.940	107	91780	9.152	ng	99
37) 2-Methylnaphthalene	12.304	142	202640	10.144	ng	97
38) 1-Methylnaphthalene	12.522	142	188069	9.653	ng	99
40) 1,2,4,5-Tetrachloroben...	12.675	216	114538	9.038	ng	98
41) Hexachlorocyclopentadiene	12.657	237	53142	9.132	ng	96
43) 2,4,6-Trichlorophenol	12.916	196	74905	8.649	ng	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.992	196	80879	8.595	ng	98
46) 1,1'-Biphenyl	13.316	154	255909	9.008	ng	98
47) 2-Chloronaphthalene	13.357	162	207467	9.335	ng	96
48) 2-Nitroaniline	13.563	65	56672	8.985	ng	93
49) Acenaphthylene	14.204	152	318252	9.414	ng	97
50) Dimethylphthalate	13.945	163	272937	9.070	ng	99
51) 2,6-Dinitrotoluene	14.063	165	56919	9.104	ng	97
52) Acenaphthene	14.551	154	195267	9.649	ng	99
53) 3-Nitroaniline	14.392	138	55223	8.663	ng	94
54) 2,4-Dinitrophenol	14.604	184	24453	6.481	ng	92
55) Dibenzofuran	14.886	168	329620	9.578	ng	98
56) 4-Nitrophenol	14.710	139	43075	8.292	ng	88
57) 2,4-Dinitrotoluene	14.851	165	78926	9.484	ng #	90
58) Fluorene	15.539	166	261507	9.551	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.116	232	78572	9.168	ng	94
60) Diethylphthalate	15.316	149	276197	9.522	ng	99
61) 4-Chlorophenyl-phenyle...	15.533	204	143961	9.722	ng	100
62) 4-Nitroaniline	15.557	138	59285	9.050	ng	94
63) Azobenzene	15.828	77	234132	9.588	ng	97
65) 4,6-Dinitro-2-methylph...	15.622	198	41224	7.283	ng	96
66) n-Nitrosodiphenylamine	15.745	169	233441	9.443	ng	100
67) 4-Bromophenyl-phenylether	16.433	248	93496	9.256	ng	99
68) Hexachlorobenzene	16.551	284	107829	9.478	ng #	92
69) Atrazine	16.710	200	91682	14.225	ng	97
70) Pentachlorophenol	16.898	266	61123	8.811	ng	99
71) Phenanthrene	17.286	178	439312	9.548	ng	99
72) Anthracene	17.380	178	442726	9.815	ng	99
73) Carbazole	17.651	167	402593	9.064	ng	99
74) Di-n-butylphthalate	18.210	149	456130	9.074	ng	99
75) Fluoranthene	19.257	202	564454	9.689	ng	97
77) Benzidine	19.439	184	310567	18.935	ng	98
78) Pyrene	19.610	202	589774	9.226	ng	99
80) Butylbenzylphthalate	20.492	149	220436	8.351	ng	95
81) Benzo(a)anthracene	21.321	228	641856	9.120	ng	99
82) 3,3'-Dichlorobenzidine	21.257	252	249153	7.670	ng	99
83) Chrysene	21.380	228	641537	9.511	ng	98
84) Bis(2-ethylhexyl)phtha...	21.257	149	346888	9.204	ng #	99
85) Di-n-octyl phthalate	22.186	149	615718	8.865	ng	98
87) Indeno(1,2,3-cd)pyrene	26.262	276	863109	9.710	ng #	94
88) Benzo(b)fluoranthene	23.015	252	717511	9.791	ng	98
89) Benzo(k)fluoranthene	23.062	252	714789	9.764	ng	98
90) Benzo(a)pyrene	23.645	252	699790	11.165	ng #	98
91) Dibenzo(a,h)anthracene	26.280	278	727689	9.869	ng	97
92) Benzo(g,h,i)perylene	27.033	276	728680	10.025	ng #	94

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

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