

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080221\
 Data File : BP006468.D
 Acq On : 03 Aug 2021 02:19
 Operator : CG/JU
 Sample : M2262-08
 Misc : LOQ-WATER-5ppm
 ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Aug 03 05:42:14 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 03 05:37:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.758	152	221956	20.000	ng	0.00
21) Naphthalene-d8	10.540	136	905938	20.000	ng	# 0.00
39) Acenaphthene-d10	14.387	164	530296	20.000	ng	0.00
64) Phenanthrene-d10	17.139	188	1041873	20.000	ng	# 0.00
76) Chrysene-d12	21.233	240	1032846	20.000	ng	# 0.00
86) Perylene-d12	23.569	264	1049351	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	1512852	106.294	ng	0.00
7) Phenol-d6	6.934	99	2096823	104.351	ng	0.00
23) Nitrobenzene-d5	8.916	82	971651	50.566	ng	0.00
42) 2,4,6-Tribromophenol	15.881	330	578806	106.744	ng	0.00
45) 2-Fluorobiphenyl	13.016	172	1711649	48.380	ng	0.00
79) Terphenyl-d14	19.716	244	2473832	48.228	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.311	88	32770	5.196	ng	94
3) Pyridine	3.711	79	80901	4.442	ng	97
4) n-Nitrosodimethylamine	3.623	42	33647	4.890	ng	# 81
6) Aniline	7.099	93	116450	5.302	ng	94
8) 2-Chlorophenol	7.322	128	73415	4.769	ng	85
9) Benzaldehyde	6.911	77	80848	6.420	ng	88
10) Phenol	6.964	94	96896	4.786	ng	98
11) bis(2-Chloroethyl)ether	7.199	93	75674	4.883	ng	86
12) 1,3-Dichlorobenzene	7.646	146	81465	5.014	ng	96
13) 1,4-Dichlorobenzene	7.793	146	80311	4.886	ng	97
14) 1,2-Dichlorobenzene	8.105	146	78434	4.966	ng	95
15) Benzyl Alcohol	8.005	79	70275	4.670	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.293	45	93216	5.097	ng	93
17) 2-Methylphenol	8.205	107	59203	4.674	ng	98
18) Hexachloroethane	8.828	117	32632	5.066	ng	# 86
19) n-Nitroso-di-n-propyla...	8.569	70	64205	4.819	ng	# 95
20) 3+4-Methylphenols	8.528	107	76895	4.451	ng	97
22) Acetophenone	8.581	105	120523	5.046	ng	# 98
24) Nitrobenzene	8.958	77	97159	4.871	ng	88
25) Isophorone	9.481	82	148858	4.339	ng	94
26) 2-Nitrophenol	9.663	139	28269	3.959	ng	94
27) 2,4-Dimethylphenol	9.728	122	61970	5.072	ng	95
28) bis(2-Chloroethoxy)met...	9.969	93	98019	5.225	ng	99
29) 2,4-Dichlorophenol	10.193	162	51666	4.183	ng	94
30) 1,2,4-Trichlorobenzene	10.405	180	64781	4.829	ng	97
31) Naphthalene	10.593	128	230906	4.785	ng	99
32) Benzoic acid	9.787	122	17338	1.869	ng	91
33) 4-Chloroaniline	10.710	127	92778	4.809	ng	# 95
34) Hexachlorobutadiene	10.875	225	37472	4.778	ng	97
35) Caprolactam	11.487	113	17526	3.870	ng	# 71
36) 4-Chloro-3-methylphenol	11.834	107	65022	4.220	ng	90
37) 2-Methylnaphthalene	12.204	142	157411	4.859	ng	98
38) 1-Methylnaphthalene	12.422	142	143328	4.658	ng	99
40) 1,2,4,5-Tetrachloroben...	12.575	216	67225	4.864	ng	# 95
41) Hexachlorocyclopentadiene	12.551	237	41985	5.732	ng	95
43) 2,4,6-Trichlorophenol	12.816	196	36568	3.945	ng	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.881	196	41282	4.023	ng	# 88
46) 1,1'-Biphenyl	13.222	154	199995	4.989	ng	96
47) 2-Chloronaphthalene	13.257	162	144144	4.669	ng	94
48) 2-Nitroaniline	13.469	65	41524	4.011	ng	# 79
49) Acenaphthylene	14.110	152	224942	4.586	ng	99
50) Dimethylphthalate	13.851	163	181976	4.773	ng	99
51) 2,6-Dinitrotoluene	13.969	165	33056	3.985	ng	# 69
52) Acenaphthene	14.451	154	139072	4.599	ng	95
53) 3-Nitroaniline	14.298	138	37095	4.035	ng	# 80
54) 2,4-Dinitrophenol	14.504	184	11768	2.614	ng	# 86
55) Dibenzofuran	14.787	168	220889	4.663	ng	95
56) 4-Nitrophenol	14.604	139	29155	3.492	ng	87
57) 2,4-Dinitrotoluene	14.757	165	40247	3.635	ng	# 70
58) Fluorene	15.434	166	172283	4.578	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.010	232	34628	4.023	ng	# 72
60) Diethylphthalate	15.222	149	184511	4.655	ng	96
61) 4-Chlorophenyl-phenyle...	15.440	204	81457	4.764	ng	# 89
62) 4-Nitroaniline	15.457	138	38061	3.913	ng	88
63) Azobenzene	15.734	77	194848	4.257	ng	94
65) 4,6-Dinitro-2-methylph...	15.516	198	17692	2.838	ng	# 66
66) n-Nitrosodiphenylamine	15.651	169	147148	4.561	ng	99
67) 4-Bromophenyl-phenylether	16.334	248	45953	4.600	ng	# 85
68) Hexachlorobenzene	16.434	284	53985	4.796	ng	# 88
69) Atrazine	16.610	200	46237	4.659	ng	95
70) Pentachlorophenol	16.787	266	27241	3.893	ng	98
71) Phenanthrene	17.181	178	276937	4.739	ng	99
72) Anthracene	17.275	178	260557	4.654	ng	99
73) Carbazole	17.545	167	243213	4.277	ng	99
74) Di-n-butylphthalate	18.116	149	261126	4.067	ng	99
75) Fluoranthene	19.151	202	286969	4.412	ng	93
77) Benzidine	19.345	184	143470	5.644	ng	99
78) Pyrene	19.504	202	306778	4.505	ng	99
80) Butylbenzylphthalate	20.398	149	106428	3.618	ng	# 84
81) Benzo(a)anthracene	21.222	228	299005	4.497	ng	100
82) 3,3'-Dichlorobenzidine	21.163	252	96489	5.475	ng	# 96
83) Chrysene	21.275	228	303282	4.681	ng	99
84) Bis(2-ethylhexyl)phtha...	21.163	149	172616	3.798	ng	# 96
85) Di-n-octyl phthalate	22.069	149	261304	3.396	ng	# 92
87) Indeno(1,2,3-cd)pyrene	25.963	276	334020	4.437	ng	# 88
88) Benzo(b)fluoranthene	22.857	252	300779	4.465	ng	# 95
89) Benzo(k)fluoranthene	22.904	252	290291	4.442	ng	# 95
90) Benzo(a)pyrene	23.463	252	270985	4.493	ng	# 96
91) Dibenzo(a,h)anthracene	25.986	278	291091	4.464	ng	# 92
92) Benzo(g,h,i)perylene	26.698	276	281456	4.502	ng	# 89

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

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