

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090821\
 Data File : BP006911.D
 Acq On : 09 Sep 2021 21:32
 Operator : CG/JU
 Sample : M3653-10
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SVOC-GPC2-BLANK

Quant Time: Sep 10 01:06:41 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP090821.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 09 11:07:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	16	20.000	ng/ul	# 0.01
20) Naphthalene-d8	10.746	136	71	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.557	164	99	20.000	ng/ul	# 0.00
64) Phenanthrene-d10	17.304	188	609	20.000	ng/ul	#-0.01
79) Chrysene-d12	21.386	240	2394	20.000	ng/ul	#-0.01
88) Perylene-d12	23.827	264	234	20.000	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.364	96	311	773.520	ng/uL	0.00
4) Pyridine-d5	3.781	84	412	393.229	ng/ul	0.00
7) Phenol-d5	7.105	99	25	21.259	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.264	67	154	228.020	ng/ul	0.00
11) 2-Chlorophenol-d4	7.481	132	18	18.960	ng/ul	0.02
15) 4-Methylphenol-d8	8.652	113	10	10.829	ng/ul	0.02
21) Nitrobenzene-d5	9.087	128	79	183.698	ng/ul	0.00
24) 2-Nitrophenol-d4	9.816	143	15	35.428	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.369	165	121	121.201	ng/ul	0.02
31) 4-Chloroaniline-d4	10.875	131	67	48.530	ng/ul	0.00
46) Dimethylphthalate-d6	13.957	166	59	9.201	ng/ul	-0.02
49) Acenaphthylene-d8	14.263	160	44	5.418	ng/ul	0.00
54) 4-Nitrophenol-d4	14.716	143	27	24.238	ng/ul	-0.03
60) Fluorene-d10	15.546	176	151	26.683	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.657	200	15	5.568	ng/ul	-0.01
73) Anthracene-d10	17.404	188	455	18.046	ng/ul	-0.01
81) Pyrene-d10	19.634	212	3181	28.372	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.680	264	402	35.611	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.405	88	136	303.980	ng/ul#	38
5) Pyridine	3.811	79	113	107.516	ng/ul#	1
6) Benzaldehyde	7.087	77	183	244.214	ng/ul#	18
8) Phenol	7.128	94	88	72.392	ng/ul#	91
10) Bis(2-Chloroethyl)ether	7.369	93	116	119.192	ng/ul#	59
12) 2-Chlorophenol	7.499	128	145	148.877	ng/ul#	60
13) 2-Methylphenol	8.375	108	61	66.078	ng/ul#	51
14) 2,2'-oxybis(1-Chloropr...	8.487	45	147	130.770	ng/ul#	1
16) Acetophenone	8.764	105	37	26.126	ng/ul#	1
17) N-Nitroso-di-n-propyla...	8.758	70	137	207.623	ng/ul#	18
18) 4-Methylphenol	8.593	108	25	25.250	ng/ul	90
19) Hexachloroethane	9.040	117	34	85.726	ng/ul#	27
22) Nitrobenzene	9.116	77	132	126.841	ng/ul#	54
23) Isophorone	9.669	82	97	46.931	ng/ul#	22
25) 2-Nitrophenol	9.852	139	20	42.263	ng/ul#	1
26) 2,4-Dimethylphenol	9.911	107	89	77.627	ng/ul#	47
27) Bis(2-Chloroethoxy)met...	10.158	93	34	24.850	ng/ul#	31
29) 2,4-Dichlorophenol	10.375	162	11	11.126	ng/ul#	54
30) Naphthalene	10.787	128	97	28.165	ng/ul	94
32) 4-Chloroaniline	10.987	127	80	56.892	ng/ul	98
33) Hexachlorobutadiene	11.040	225	17	24.925	ng/ul	91
34) Caprolactam	11.681	113	18	61.080	ng/ul#	1
35) 4-Chloro-3-methylphenol	12.040	107	26	25.927	ng/ul#	49
36) 2-Methylnaphthalene	12.428	142	7	3.032	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.616	142	18	7.642	ng/ul#	1
39) 1,2,4,5-Tetrachloroben...	12.746	216	13	4.586	ng/ul#	41
40) Hexachlorocyclopentadiene	12.752	237	10	5.466	ng/ul#	10
41) 2,4,6-Trichlorophenol	12.987	196	11	6.704	ng/ul#	12
42) 2,4,5-Trichlorophenol	13.063	196	9	4.920	ng/ul#	21
43) 1,1'-Biphenyl	13.399	154	91	13.202	ng/ul#	90
44) 2-Chloronaphthalene	13.375	162	16	3.011	ng/ul	92
45) 2-Nitroaniline	13.640	65	140	129.612	ng/ul#	42
47) Dimethylphthalate	14.016	163	157	24.278	ng/ul#	75
48) 2,6-Dinitrotoluene	14.134	165	56	51.851	ng/ul#	13
50) Acenaphthylene	14.287	152	14	1.662	ng/ul#	62
51) 3-Nitroaniline	14.469	138	34	27.463	ng/ul#	1
52) Acenaphthene	14.616	153	126	22.583	ng/ul#	26
53) 2,4-Dinitrophenol	14.669	184	8	13.186	ng/ul#	19
55) 4-Nitrophenol	14.751	109	67	81.826	ng/ul#	46
56) Dibenzofuran	14.975	168	94	11.675	ng/ul	88
57) 2,4-Dinitrotoluene	14.910	165	67	43.410	ng/ul#	45
58) 2,3,4,6-Tetrachlorophenol	15.169	232	22	14.927	ng/ul#	1
59) Diethylphthalate	15.387	149	186	29.540	ng/ul#	24
61) Fluorene	15.610	166	86	13.402	ng/ul#	75
62) 4-Chlorophenyl-phenyle...	15.428	204	18	5.502	ng/ul	87
63) 4-Nitroaniline	15.610	138	30	24.271	ng/ul#	1
66) 4,6-Dinitro-2-methylph...	15.663	198	7	2.552	ng/ul#	1
67) N-Nitrosodiphenylamine	15.798	169	21	1.309	ng/ul#	68
68) 4-Bromophenyl-phenylether	16.487	248	12	2.084	ng/ul#	73
69) Hexachlorobenzene	16.610	284	14	2.097	ng/ul#	1
70) Atrazine	16.745	200	15	2.469	ng/ul#	2
71) Pentachlorophenol	16.957	266	23	6.015	ng/ul#	49
72) Phenanthrene	17.292	178	73	2.406	ng/ul	99
74) Anthracene	17.292	178	71	2.355	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.357	216	23	2.695	ng/uL	95
76) Pentachlorobenzene	14.863	250	9	1.089	ng/uL#	1
78) Di-n-butylphthalate	18.269	149	483	15.902	ng/ul#	41
80) Fluoranthene	19.310	202	683	4.898	ng/ul#	77
82) Pyrene	19.669	202	871	6.090	ng/ul#	88
83) Butylbenzylphthalate	20.539	149	318	6.385	ng/ul#	56
84) 3,3'-Dichlorobenzidine	21.304	252	224	4.509	ng/ul#	30
85) Benzo(a)anthracene	21.375	228	1513	10.855	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.298	149	501	6.748	ng/ul#	76
87) Chrysene	21.375	228	1517	10.998	ng/ul	94
89) Di-n-octyl phthalate	22.245	149	381	31.504	ng/ul	100
90) Benzo(b)fluoranthene	23.080	252	685	50.029	ng/ul#	1
91) Benzo(k)fluoranthene	23.127	252	876	68.350	ng/ul#	1
93) Benzo(a)pyrene	23.710	252	199	15.106	ng/ul#	1
94) Indeno(1,2,3-cd)pyrene	26.398	276	73	4.777	ng/ul#	1
95) Dibenzo(a,h)anthracene	26.416	278	96	7.260	ng/ul#	1
96) Benzo(g,h,i)perylene	27.151	276	33	2.518	ng/ul#	1

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

