

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080721\
 Data File : BP006594.D
 Acq On : 08 Aug 2021 07:27
 Operator : CG/JU
 Sample : M3169-06
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C00A5

Quant Time: Aug 09 01:37:57 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 09 01:37:18 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.764	152	27	20.000	ng/ul	# 0.02
20) Naphthalene-d8	10.552	136	80	20.000	ng/ul	# 0.02
38) Acenaphthene-d10	14.428	164	110	20.000	ng/ul	# 0.05
64) Phenanthrene-d10	17.228	188	1644144	20.000	ng/ul	# 0.09
79) Chrysene-d12	21.345	240	1770	20.000	ng/ul	# 0.11
88) Perylene-d12	23.675	264	1297	20.000	ng/ul	# 0.12
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	27380	37853.000	ng/uL	0.00
4) Pyridine-d5	3.681	84	277198	129090.669	ng/ul	0.00
7) Phenol-d5	6.928	99	657953	259465.026	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.093	67	461392	292426.188	ng/ul	0.00
11) 2-Chlorophenol-d4	7.281	132	531884	282324.744	ng/ul	0.00
15) 4-Methylphenol-d8	8.458	113	455212	228272.698	ng/ul	0.00
21) Nitrobenzene-d5	8.905	128	275952	463257.083	ng/ul	0.00
24) 2-Nitrophenol-d4	9.622	143	285915	502690.638	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.152	165	442654	397157.545	ng/ul	0.00
31) 4-Chloroaniline-d4	10.675	131	371885	202671.474	ng/ul	0.00
46) Dimethylphthalate-d6	13.799	166	1354579	173021.898	ng/ul	0.00
49) Acenaphthylene-d8	14.069	160	1720177	178839.312	ng/ul	0.00
54) 4-Nitrophenol-d4	14.587	143	170659	109784.436	ng/ul	0.00
60) Fluorene-d10	15.375	176	1152893	175172.066	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.593	200	540	0.059	ng/ul	0.09
73) Anthracene-d10	17.228	188	1644144	22.153	ng/ul	0.00
81) Pyrene-d10	19.475	212	1794909	19715.678	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.410	264	1839392	27907.645	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.323	88	39	51.068	ng/uL#	1
5) Pyridine	3.699	79	416	185.763	ng/ul#	1
6) Benzaldehyde	6.905	77	14554	10519.439	ng/ul#	67
8) Phenol	6.952	94	6104	2354.870	ng/ul#	47
10) Bis(2-Chloroethyl)ether	7.217	93	151	74.060	ng/ul#	1
12) 2-Chlorophenol	7.328	128	186	97.382	ng/ul#	42
13) 2-Methylphenol	8.193	108	2195	1160.446	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.287	45	33	14.488	ng/ul#	1
16) Acetophenone	8.575	105	14894	4856.950	ng/ul#	91
17) N-Nitroso-di-n-propyla...	8.564	70	214	133.394	ng/ul#	1
18) 4-Methylphenol	8.528	108	5678	2795.499	ng/ul	86
19) Hexachloroethane	8.846	117	4091	5236.266	ng/ul#	17
22) Nitrobenzene	8.964	77	474	306.694	ng/ul#	45
23) Isophorone	9.516	82	365	132.107	ng/ul#	1
25) 2-Nitrophenol	9.663	139	189	301.337	ng/ul#	1
26) 2,4-Dimethylphenol	9.816	107	109	73.279	ng/ul	92
27) Bis(2-Chloroethoxy)met...	9.969	93	335	188.810	ng/ul#	1
29) 2,4-Dichlorophenol	10.187	162	370	338.367	ng/ul#	1
30) Naphthalene	10.581	128	151401	36476.310	ng/ul	99
32) 4-Chloroaniline	10.763	127	243	134.433	ng/ul	89
33) Hexachlorobutadiene	10.881	225	18	26.983	ng/ul#	1
34) Caprolactam	11.487	113	24	63.563	ng/ul#	1
35) 4-Chloro-3-methylphenol	11.846	107	162	124.102	ng/ul#	43
36) 2-Methylnaphthalene	12.193	142	141482	49745.775	ng/ul	99

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37) 1-Methylnaphthalene	12.410	142	105743	36937.605	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.610	216	26	8.771	ng/ul#	1
40) Hexachlorocyclopentadiene	12.581	237	6	3.111	ng/ul#	1
41) 2,4,6-Trichlorophenol	12.852	196	35	19.054	ng/ul#	22
42) 2,4,5-Trichlorophenol	12.916	196	91	45.278	ng/ul#	23
43) 1,1'-Biphenyl	13.210	154	44173	5357.018	ng/ul	99
44) 2-Chloronaphthalene	13.287	162	138	22.166	ng/ul#	1
45) 2-Nitroaniline	13.487	65	909	494.267	ng/ul#	1
47) Dimethylphthalate	13.899	163	74	9.630	ng/ul#	1
48) 2,6-Dinitrotoluene	14.022	165	145	103.212	ng/ul#	44
50) Acenaphthylene	14.181	152	698	74.518	ng/ul#	54
51) 3-Nitroaniline	14.334	138	226	137.294	ng/ul#	78
52) Acenaphthene	14.510	153	3884	565.158	ng/ul#	60
53) 2,4-Dinitrophenol	14.534	184	103	123.616	ng/ul#	1
55) 4-Nitrophenol	14.634	109	1050	835.079	ng/ul#	1
56) Dibenzofuran	14.775	168	62149	6743.218	ng/ul	89
57) 2,4-Dinitrotoluene	14.781	165	4630	2306.181	ng/ul#	1
58) 2,3,4,6-Tetrachlorophenol	15.051	232	2	1.276	ng/ul#	1
59) Diethylphthalate	15.263	149	253	31.786	ng/ul#	18
61) Fluorene	15.463	166	4211	555.445	ng/ul#	1
62) 4-Chlorophenyl-phenyle...	15.481	204	55	15.561	ng/ul#	1
63) 4-Nitroaniline	15.493	138	1057	653.783	ng/ul#	1
72) Phenanthrene	17.263	178	101364	1.148	ng/ul	97
74) Anthracene	17.263	178	99797	1.115	ng/ul	96
80) Fluoranthene	19.145	202	906584	8081.571	ng/ul	99
82) Pyrene	19.498	202	806615	6929.380	ng/ul	99
83) Butylbenzylphthalate	20.492	149	1101	23.052	ng/ul#	74
84) 3,3'-Dichlorobenzidine	21.269	252	7879	202.030	ng/ul#	36
85) Benzo(a)anthracene	21.339	228	11827	107.834	ng/ul#	1
86) Bis(2-ethylhexyl)phtha...	21.263	149	2610	34.902	ng/ul#	71
87) Chrysene	21.381	228	54560	518.979	ng/ul#	1
89) Di-n-octyl phthalate	22.175	149	602	6.660	ng/ul	100
90) Benzo(b)fluoranthene	22.851	252	893272	10843.091	ng/ul	97
91) Benzo(k)fluoranthene	22.851	252	804454	10288.701	ng/ul	97
93) Benzo(a)pyrene	23.457	252	641647	8910.585	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	25.963	276	478450	5190.563	ng/ul	98
95) Dibenzo(a,h)anthracene	26.086	278	69108	885.202	ng/ul#	46
96) Benzo(g,h,i)perylene	26.704	276	461905	6065.000	ng/ul	96

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

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