

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072421\
 Data File : BP006294.D
 Acq On : 23 Jul 2021 19:17
 Operator : CG/JU
 Sample : SST02003
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SST020603

Quant Time: Jul 24 02:45:49 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 24 02:41:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	274115	20.000	ng/u1	0.00
20) Naphthalene-d8	10.581	136	1192691	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.422	164	704024	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.169	188	1352538	20.000	ng/u1	0.00
79) Chrysene-d12	21.269	240	1265052	20.000	ng/u1	0.00
88) Perylene-d12	23.616	264	1271134	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	56269	8.116	ng/uL	0.00
4) Pyridine-d5	3.705	84	409794	24.217	ng/u1	0.00
7) Phenol-d5	6.963	99	479706	21.552	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.134	67	308676	26.300	ng/u1	0.00
11) 2-Chlorophenol-d4	7.328	132	377000	21.063	ng/u1	0.00
15) 4-Methylphenol-d8	8.499	113	385091	21.813	ng/u1	0.00
21) Nitrobenzene-d5	8.952	128	178505	19.578	ng/u1	0.00
24) 2-Nitrophenol-d4	9.663	143	168939	16.387	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.199	165	333243	16.805	ng/u1	0.00
31) 4-Chloroaniline-d4	10.716	131	534290	19.816	ng/u1	0.00
46) Dimethylphthalate-d6	13.840	166	1016226	18.900	ng/u1	0.00
49) Acenaphthylene-d8	14.110	160	1259855	20.065	ng/u1	0.00
54) 4-Nitrophenol-d4	14.616	143	182983	19.346	ng/u1	0.00
60) Fluorene-d10	15.416	176	849639	18.258	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.534	200	131833	13.962	ng/u1	0.00
73) Anthracene-d10	17.269	188	1247929	19.614	ng/u1	0.00
81) Pyrene-d10	19.510	212	1313163	20.893	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.463	264	1308407	19.136	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.334	88	60491	8.418	ng/uL	100
5) Pyridine	3.722	79	429554	24.601	ng/u1	100
6) Benzaldehyde	6.946	77	332549	28.740	ng/u1	100
8) Phenol	6.993	94	498351	21.459	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.228	93	399428	22.632	ng/u1	100
12) 2-Chlorophenol	7.358	128	382845	20.454	ng/u1	100
13) 2-Methylphenol	8.234	108	362398	20.493	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.322	45	452373	25.795	ng/u1	100
16) Acetophenone	8.616	105	609601	21.014	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.605	70	324094	24.066	ng/u1	100
18) 4-Methylphenol	8.563	108	391101	20.769	ng/u1	100
19) Hexachloroethane	8.863	117	154280	19.064	ng/u1	100
22) Nitrobenzene	8.993	77	470638	20.228	ng/u1	100
23) Isophorone	9.522	82	847719	20.581	ng/u1	100
25) 2-Nitrophenol	9.699	139	190405	16.950	ng/u1	100
26) 2,4-Dimethylphenol	9.763	107	452445	19.221	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.004	93	540054	22.039	ng/u1	100
29) 2,4-Dichlorophenol	10.228	162	329783	16.906	ng/u1	100
30) Naphthalene	10.628	128	1252586	19.060	ng/u1	100
32) 4-Chloroaniline	10.746	127	528265	19.368	ng/u1	100
33) Hexachlorobutadiene	10.916	225	198378	13.449	ng/u1	100
34) Caprolactam	11.522	113	104615	16.238	ng/u1	100
35) 4-Chloro-3-methylphenol	11.863	107	404231	19.504	ng/u1	100
36) 2-Methylnaphthalene	12.240	142	858827	18.600	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.457	142	868811	18.674	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.604	216	382828	15.128	ng/ul	100
40) Hexachlorocyclopentadiene	12.587	237	228464	14.221	ng/ul	100
41) 2,4,6-Trichlorophenol	12.851	196	239851	15.286	ng/ul	100
42) 2,4,5-Trichlorophenol	12.916	196	262885	15.541	ng/ul	100
43) 1,1'-Biphenyl	13.257	154	1064665	18.998	ng/ul	100
44) 2-Chloronaphthalene	13.293	162	806704	18.300	ng/ul	100
45) 2-Nitroaniline	13.498	65	237775	20.319	ng/ul	100
47) Dimethylphthalate	13.887	163	993106	17.949	ng/ul	100
48) 2,6-Dinitrotoluene	14.004	165	182292	16.264	ng/ul	100
50) Acenaphthylene	14.140	152	1223140	18.986	ng/ul	100
51) 3-Nitroaniline	14.328	138	212058	20.368	ng/ul	100
52) Acenaphthene	14.481	153	886960	19.199	ng/ul	100
53) 2,4-Dinitrophenol	14.528	184	87800	11.949	ng/ul	100
55) 4-Nitrophenol	14.634	109	155098	17.411	ng/ul	100
56) Dibenzofuran	14.822	168	1191373	17.904	ng/ul	100
57) 2,4-Dinitrotoluene	14.787	165	263542	16.635	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.045	232	202537	13.418	ng/ul	100
59) Diethylphthalate	15.257	149	1029201	18.969	ng/ul	100
61) Fluorene	15.469	166	982983	17.872	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.469	204	454123	15.224	ng/ul	100
63) 4-Nitroaniline	15.492	138	216030	21.120	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.545	198	133143	14.016	ng/ul	100
67) N-Nitrosodiphenylamine	15.687	169	824895	20.310	ng/ul	100
68) 4-Bromophenyl-phenylether	16.369	248	216789	13.657	ng/ul	100
69) Hexachlorobenzene	16.469	284	292394	16.416	ng/ul	100
70) Atrazine	16.645	200	274154	16.621	ng/ul	100
71) Pentachlorophenol	16.816	266	165394	14.133	ng/ul	100
72) Phenanthrene	17.216	178	1472597	19.172	ng/ul	100
74) Anthracene	17.304	178	1516541	19.546	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.216	216	376244	16.556	ng/ul	100
76) Pentachlorobenzene	14.734	250	364793	16.006	ng/ul	100
77) Carbazole	17.581	167	1355760	19.902	ng/ul	100
78) Di-n-butylphthalate	18.151	149	1670485	21.522	ng/ul	100
80) Fluoranthene	19.186	202	1627269	20.619	ng/ul	100
82) Pyrene	19.539	202	1685837	20.656	ng/ul	100
83) Butylbenzylphthalate	20.433	149	691840	23.561	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.192	252	541244	18.618	ng/ul	100
85) Benzo(a)anthracene	21.251	228	1592394	19.498	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.198	149	1093412	24.408	ng/ul	100
87) Chrysene	21.304	228	1531507	19.118	ng/ul	100
89) Di-n-octyl phthalate	22.116	149	1768243	21.688	ng/ul	100
90) Benzo(b)fluoranthene	22.898	252	1662422	19.504	ng/ul	100
91) Benzo(k)fluoranthene	22.951	252	1521933	18.002	ng/ul	100
93) Benzo(a)pyrene	23.510	252	1423272	18.997	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.045	276	1812743	19.146	ng/ul	100
95) Dibenzo(a,h)anthracene	26.068	278	1528343	19.303	ng/ul	100
96) Benzo(g,h,i)perylene	26.792	276	1488343	18.708	ng/ul	100

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

