

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072821\
 Data File : BP006382.D
 Acq On : 28 Jul 2021 10:40
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020664

Quant Time: Jul 28 11:42:22 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 24 04:29:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	285575	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.569	136	1257443	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.410	164	741617	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.163	188	1459399	20.000	ng/u1	0.00
79) Chrysene-d12	21.263	240	1433982	20.000	ng/u1	0.00
88) Perylene-d12	23.610	264	1487261	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	62591	8.181	ng/uL	0.00
4) Pyridine-d5	3.699	84	462516	20.365	ng/u1	0.00
7) Phenol-d5	6.958	99	525963	19.610	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	337088	20.199	ng/u1	0.00
11) 2-Chlorophenol-d4	7.316	132	407847	20.468	ng/u1	-0.01
15) 4-Methylphenol-d8	8.493	113	414409	19.648	ng/u1	0.00
21) Nitrobenzene-d5	8.940	128	194756	20.801	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.657	143	198619	22.217	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.187	165	366249	20.906	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.710	131	565804	19.618	ng/u1	0.00
46) Dimethylphthalate-d6	13.828	166	1076816	20.401	ng/u1	-0.01
49) Acenaphthylene-d8	14.104	160	1270387	19.590	ng/u1	0.00
54) 4-Nitrophenol-d4	14.610	143	210747	20.109	ng/u1	0.00
60) Fluorene-d10	15.404	176	878533	19.799	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.528	200	148574	18.262	ng/u1	0.00
73) Anthracene-d10	17.263	188	1328560	20.166	ng/u1	0.00
81) Pyrene-d10	19.504	212	1461000	19.808	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.457	264	1619299	21.425	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.328	88	65657	8.128	ng/uL	97
5) Pyridine	3.722	79	470903	19.881	ng/u1	99
6) Benzaldehyde	6.934	77	363605	24.848	ng/u1	99
8) Phenol	6.981	94	568023	20.719	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.216	93	444820	20.627	ng/u1	99
12) 2-Chlorophenol	7.346	128	435898	21.577	ng/u1	97
13) 2-Methylphenol	8.228	108	414358	20.711	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.322	45	518168	21.508	ng/u1	98
16) Acetophenone	8.605	105	692280	21.344	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.593	70	367105	21.635	ng/u1	97
18) 4-Methylphenol	8.552	108	449705	20.933	ng/u1	99
19) Hexachloroethane	8.852	117	177483	21.478	ng/u1	100
22) Nitrobenzene	8.981	77	539198	22.196	ng/u1	99
23) Isophorone	9.510	82	978463	22.531	ng/u1	99
25) 2-Nitrophenol	9.687	139	224415	22.764	ng/u1	98
26) 2,4-Dimethylphenol	9.752	107	508346	21.743	ng/u1	100
27) Bis(2-Chloroethoxy)met...	9.993	93	597784	21.435	ng/u1	99
29) 2,4-Dichlorophenol	10.216	162	370670	21.566	ng/u1	99
30) Naphthalene	10.616	128	1380734	21.164	ng/u1	100
32) 4-Chloroaniline	10.734	127	574247	20.212	ng/u1	97
33) Hexachlorobutadiene	10.904	225	217123	20.707	ng/u1	99
34) Caprolactam	11.510	113	133988	22.577	ng/u1	93
35) 4-Chloro-3-methylphenol	11.857	107	465616	22.693	ng/u1	97
36) 2-Methylnaphthalene	12.228	142	939412	21.014	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.446	142	942220	20.940	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.598	216	413825	20.706	ng/ul	99
40) Hexachlorocyclopentadiene	12.575	237	230463	17.726	ng/ul	98
41) 2,4,6-Trichlorophenol	12.840	196	272614	22.013	ng/ul	99
42) 2,4,5-Trichlorophenol	12.910	196	298737	22.047	ng/ul	99
43) 1,1'-Biphenyl	13.245	154	1168653	21.022	ng/ul	99
44) 2-Chloronaphthalene	13.281	162	883412	21.047	ng/ul	99
45) 2-Nitroaniline	13.493	65	301180	24.291	ng/ul	98
47) Dimethylphthalate	13.881	163	1117013	21.560	ng/ul	99
48) 2,6-Dinitrotoluene	13.993	165	216583	22.866	ng/ul	96
50) Acenaphthylene	14.128	152	1353476	21.432	ng/ul	100
51) 3-Nitroaniline	14.322	138	251266	22.641	ng/ul	97
52) Acenaphthene	14.475	153	979481	21.140	ng/ul	99
53) 2,4-Dinitrophenol	14.522	184	102654	18.274	ng/ul	98
55) 4-Nitrophenol	14.628	109	190565	22.480	ng/ul	96
56) Dibenzofuran	14.810	168	1310422	21.089	ng/ul	99
57) 2,4-Dinitrotoluene	14.781	165	318060	23.498	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.034	232	245683	23.250	ng/ul	97
59) Diethylphthalate	15.245	149	1172525	21.850	ng/ul	99
61) Fluorene	15.463	166	1085748	21.242	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.463	204	495591	20.798	ng/ul	99
63) 4-Nitroaniline	15.487	138	265710	24.377	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.539	198	157887	19.852	ng/ul#	99
67) N-Nitrosodiphenylamine	15.675	169	922375	21.275	ng/ul	99
68) 4-Bromophenyl-phenylether	16.357	248	282526	24.173	ng/ul	96
69) Hexachlorobenzene	16.463	284	328139	20.935	ng/ul	98
70) Atrazine	16.639	200	325656	21.705	ng/ul	98
71) Pentachlorophenol	16.810	266	204410	20.744	ng/ul	98
72) Phenanthrene	17.204	178	1669122	21.299	ng/ul	99
74) Anthracene	17.298	178	1689987	21.268	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.204	216	418365	20.913	ng/uL	98
76) Pentachlorobenzene	14.728	250	413266	21.191	ng/uL	98
77) Carbazole	17.569	167	1572070	21.628	ng/ul	99
78) Di-n-butylphthalate	18.139	149	1995185	22.967	ng/ul	100
80) Fluoranthene	19.180	202	1867730	20.551	ng/ul	99
82) Pyrene	19.533	202	1937281	20.542	ng/ul	100
83) Butylbenzylphthalate	20.422	149	914412	23.631	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.186	252	630300	19.949	ng/ul	99
85) Benzo(a)anthracene	21.245	228	1898957	21.371	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.192	149	1430002	23.603	ng/ul	100
87) Chrysene	21.298	228	1820622	21.376	ng/ul	100
89) Di-n-octyl phthalate	22.104	149	2432563	23.470	ng/ul	100
90) Benzo(b)fluoranthene	22.898	252	1968234	20.835	ng/ul	99
91) Benzo(k)fluoranthene	22.945	252	1987510	22.168	ng/ul	99
93) Benzo(a)pyrene	23.504	252	1760968	21.326	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.033	276	2200243	20.816	ng/ul	99
95) Dibenzo(a,h)anthracene	26.057	278	1852014	20.688	ng/ul	99
96) Benzo(g,h,i)perylene	26.780	276	1798155	20.590	ng/ul	99

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

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