

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072921\
 Data File : BP006410.D
 Acq On : 29 Jul 2021 09:04
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020667

Manual Integrations
 APPROVED

mohammad
 7/30/2021 4:30:23 PM

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	354095	20.000	ng/u1	0.00
20) Naphthalene-d8	10.563	136	1558894	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.404	164	887536	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.163	188	1718671	20.000	ng/u1	0.00
79) Chrysene-d12	21.257	240	1550224	20.000	ng/u1	0.00
88) Perylene-d12	23.598	264	1390106	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	79306	8.360	ng/uL	0.00
4) Pyridine-d5	3.699	84	585108	20.777	ng/u1	0.00
7) Phenol-d5	6.952	99	651148	19.580	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.122	67	427512	20.660	ng/u1	0.00
11) 2-Chlorophenol-d4	7.310	132	505353	20.454	ng/u1	0.00
15) 4-Methylphenol-d8	8.487	113	508284	19.435	ng/u1	0.00
21) Nitrobenzene-d5	8.934	128	243215	20.953	ng/u1	0.00
24) 2-Nitrophenol-d4	9.652	143	244876	22.094	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.187	165	451143	20.772	ng/u1	0.00
31) 4-Chloroaniline-d4	10.704	131	682139	19.078	ng/u1	0.00
46) Dimethylphthalate-d6	13.828	166	1299125	20.566	ng/u1	0.00
49) Acenaphthylene-d8	14.098	160	1548443	19.952	ng/u1	0.00
54) 4-Nitrophenol-d4	14.610	143	237817	18.961	ng/u1	0.00
60) Fluorene-d10	15.398	176	1063689	20.031	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.522	200	174682	18.232	ng/u1	0.00
73) Anthracene-d10	17.257	188	1567573	20.205	ng/u1	0.00
81) Pyrene-d10	19.498	212	1663804	20.867	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.451	264	1504505	21.298	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.334	88	82304	8.218	ng/uL	100
5) Pyridine	3.722	79	592421	20.172	ng/u1	100
6) Benzaldehyde	6.928	77	461423	25.430	ng/u1	100
8) Phenol	6.981	94	699963	20.591	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.216	93	558916	20.902	ng/u1	100
12) 2-Chlorophenol	7.346	128	540826	21.591	ng/u1	100
13) 2-Methylphenol	8.222	108	508600	20.503	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.316	45	658075	22.029	ng/u1	100
16) Acetophenone	8.604	105	852299	21.193	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.593	70	464255	22.066	ng/u1	100
18) 4-Methylphenol	8.552	108	552395	20.738	ng/u1	100
19) Hexachloroethane	8.846	117	225681	22.026	ng/u1	100
22) Nitrobenzene	8.975	77	683290	22.689	ng/u1	100
23) Isophorone	9.504	82	1209403	22.463	ng/u1	100
25) 2-Nitrophenol	9.681	139	278447	22.783	ng/u1	100
26) 2,4-Dimethylphenol	9.746	107	630021	21.736	ng/u1	100
27) Bis(2-Chloroethoxy)met...	9.987	93	746430	21.590	ng/u1	100
29) 2,4-Dichlorophenol	10.210	162	454199	21.316	ng/u1	100
30) Naphthalene	10.610	128	1701976	21.043	ng/u1	100
32) 4-Chloroaniline	10.728	127	694244	19.710	ng/u1	100
33) Hexachlorobutadiene	10.899	225	272435	20.958	ng/u1	100
34) Caprolactam	11.510	113	155345m	21.114	ng/u1	100
35) 4-Chloro-3-methylphenol	11.851	107	560728	22.044	ng/u1	100
36) 2-Methylnaphthalene	12.228	142	1162882	20.983	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.445	142	1142606	20.483	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.593	216	502233	20.998	ng/ul	100
40) Hexachlorocyclopentadiene	12.575	237	288607	18.549	ng/ul	100
41) 2,4,6-Trichlorophenol	12.834	196	329999	22.266	ng/ul	100
42) 2,4,5-Trichlorophenol	12.904	196	358037	22.079	ng/ul	100
43) 1,1'-Biphenyl	13.240	154	1420061	21.344	ng/ul	100
44) 2-Chloronaphthalene	13.281	162	1073406	21.369	ng/ul	100
45) 2-Nitroaniline	13.487	65	364324	24.552	ng/ul	100
47) Dimethylphthalate	13.875	163	1348462	21.748	ng/ul	100
48) 2,6-Dinitrotoluene	13.992	165	267082	23.562	ng/ul	100
50) Acenaphthylene	14.128	152	1640506	21.707	ng/ul	100
51) 3-Nitroaniline	14.316	138	298176	22.450	ng/ul	100
52) Acenaphthene	14.469	153	1185223	21.375	ng/ul	100
53) 2,4-Dinitrophenol	14.522	184	114106	16.973	ng/ul	100
55) 4-Nitrophenol	14.622	109	217381	21.427	ng/ul	100
56) Dibenzofuran	14.810	168	1573055	21.154	ng/ul	100
57) 2,4-Dinitrotoluene	14.775	165	382850	23.635	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.034	232	288255	22.794	ng/ul	100
59) Diethylphthalate	15.245	149	1421463	22.134	ng/ul	100
61) Fluorene	15.457	166	1295710	21.182	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.457	204	597052	20.936	ng/ul	100
63) 4-Nitroaniline	15.481	138	299303	22.944	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.539	198	183667	19.609	ng/ul	100
67) N-Nitrosodiphenylamine	15.675	169	1095150	21.450	ng/ul	100
68) 4-Bromophenyl-phenylether	16.357	248	350618	25.474	ng/ul	100
69) Hexachlorobenzene	16.457	284	387220	20.977	ng/ul	100
70) Atrazine	16.633	200	381518	21.593	ng/ul	100
71) Pentachlorophenol	16.804	266	237241	20.444	ng/ul	100
72) Phenanthrene	17.204	178	1972261	21.371	ng/ul	100
74) Anthracene	17.292	178	1999011	21.362	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.198	216	507165	21.528	ng/ul	100
76) Pentachlorobenzene	14.722	250	496332	21.611	ng/ul	100
77) Carbazole	17.569	167	1814699	21.200	ng/ul	100
78) Di-n-butylphthalate	18.133	149	2374058	23.206	ng/ul	100
80) Fluoranthene	19.175	202	2152138	21.905	ng/ul	100
82) Pyrene	19.527	202	2233742	21.910	ng/ul	100
83) Butylbenzylphthalate	20.422	149	1062548	25.400	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.180	252	662078	19.383	ng/ul	100
85) Benzo(a)anthracene	21.245	228	2064429	21.491	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.186	149	1636233	24.982	ng/ul	100
87) Chrysene	21.298	228	1976600	21.467	ng/ul	100
89) Di-n-octyl phthalate	22.098	149	2676201	27.626	ng/ul	100
90) Benzo(b)fluoranthene	22.886	252	1952548	22.114	ng/ul	100
91) Benzo(k)fluoranthene	22.939	252	1929101	23.020	ng/ul	100
93) Benzo(a)pyrene	23.498	252	1636320	21.202	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.021	276	1836544	18.590	ng/ul	100
95) Dibenzo(a,h)anthracene	26.045	278	1567822	18.737	ng/ul	100
96) Benzo(g,h,i)perylene	26.762	276	1472326	18.037	ng/ul	100

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

