

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080721\
 Data File : BP006602.D
 Acq On : 08 Aug 2021 12:32
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020673

Manual Integrations
 APPROVED

mohammad
 8/9/2021 12:17:28 PM

Quant Time: Aug 09 01:39:34 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	7.752	152	246827	20.000	ng/u1	0.00
20) Naphthalene-d8	10.534	136	1044008	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.381	164	567905	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.134	188	1091943	20.000	ng/u1	0.00
79) Chrysene-d12	21.233	240	1034236	20.000	ng/u1	0.00
88) Perylene-d12	23.569	264	1091328	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	50535	7.642	ng/uL	0.00
4) Pyridine-d5	3.681	84	363901	18.538	ng/u1	0.00
7) Phenol-d5	6.934	99	423698	18.277	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.099	67	269361	18.675	ng/u1	0.00
11) 2-Chlorophenol-d4	7.287	132	338750	19.669	ng/u1	0.00
15) 4-Methylphenol-d8	8.469	113	332860	18.259	ng/u1	0.01
21) Nitrobenzene-d5	8.911	128	163326	21.010	ng/u1	0.00
24) 2-Nitrophenol-d4	9.628	143	169085	22.780	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.163	165	288248	19.818	ng/u1	0.00
31) 4-Chloroaniline-d4	10.681	131	443460	18.519	ng/u1	0.00
46) Dimethylphthalate-d6	13.804	166	791610	19.585	ng/u1	0.00
49) Acenaphthylene-d8	14.075	160	989677	19.930	ng/u1	0.00
54) 4-Nitrophenol-d4	14.598	143	153879	19.174	ng/u1	0.01
60) Fluorene-d10	15.381	176	649104	19.103	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.510	200	87483	14.371	ng/u1	0.01
73) Anthracene-d10	17.234	188	980215	19.886	ng/u1	0.00
81) Pyrene-d10	19.481	212	1033601	19.430	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.416	264	1104464	19.915	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.311	88	54706	7.836	ng/uL	93
5) Pyridine	3.705	79	374005	18.269	ng/u1	97
6) Benzaldehyde	6.905	77	193024	15.261	ng/u1	95
8) Phenol	6.964	94	439325	18.540	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.187	93	353396	18.960	ng/u1	99
12) 2-Chlorophenol	7.322	128	343289	19.661	ng/u1	99
13) 2-Methylphenol	8.199	108	322086	18.627	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.287	45	413704	19.867	ng/u1	99
16) Acetophenone	8.575	105	524298	18.703	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.563	70	286031	19.503	ng/u1	98
18) 4-Methylphenol	8.528	108	345503	18.607	ng/u1	95
19) Hexachloroethane	8.816	117	152287	21.322	ng/u1	99
22) Nitrobenzene	8.952	77	444935	22.060	ng/u1	98
23) Isophorone	9.475	82	790688	21.929	ng/u1	100
25) 2-Nitrophenol	9.658	139	183805	22.456	ng/u1	99
26) 2,4-Dimethylphenol	9.722	107	385589	19.864	ng/u1	100
27) Bis(2-Chloroethoxy)met...	9.963	93	466995	20.169	ng/u1	99
29) 2,4-Dichlorophenol	10.187	162	281492	19.726	ng/u1	98
30) Naphthalene	10.587	128	1079737	19.934	ng/u1	99
32) 4-Chloroaniline	10.705	127	432589	18.338	ng/u1	98
33) Hexachlorobutadiene	10.863	225	175218	20.127	ng/u1	100
34) Caprolactam	11.493	113	105473m	21.405	ng/u1	
35) 4-Chloro-3-methylphenol	11.834	107	346508	20.341	ng/u1	99
36) 2-Methylnaphthalene	12.199	142	700627	18.877	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.416	142	670585	17.950	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.569	216	305119	19.937	ng/ul	98
40) Hexachlorocyclopentadiene	12.546	237	145864	14.651	ng/ul	97
41) 2,4,6-Trichlorophenol	12.816	196	202084	21.309	ng/ul	99
42) 2,4,5-Trichlorophenol	12.887	196	215025	20.723	ng/ul	97
43) 1,1'-Biphenyl	13.216	154	859899	20.199	ng/ul	99
44) 2-Chloronaphthalene	13.257	162	668993	20.814	ng/ul	99
45) 2-Nitroaniline	13.469	65	234026	24.648	ng/ul	97
47) Dimethylphthalate	13.851	163	813467	20.504	ng/ul	99
48) 2,6-Dinitrotoluene	13.969	165	165303	22.791	ng/ul	98
50) Acenaphthylene	14.104	152	1026827	21.233	ng/ul	99
51) 3-Nitroaniline	14.299	138	182234	21.443	ng/ul	100
52) Acenaphthene	14.446	153	720241	20.299	ng/ul	99
53) 2,4-Dinitrophenol	14.510	184	73164	17.008	ng/ul	96
55) 4-Nitrophenol	14.616	109	143713	22.139	ng/ul	98
56) Dibenzofuran	14.781	168	939391	19.742	ng/ul	99
57) 2,4-Dinitrotoluene	14.757	165	239374	23.094	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.010	232	176657	21.832	ng/ul	98
59) Diethylphthalate	15.222	149	863311	21.009	ng/ul	99
61) Fluorene	15.434	166	784900	20.053	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.434	204	359039	19.676	ng/ul	98
63) 4-Nitroaniline	15.463	138	193745	23.212	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.522	198	96180	16.163	ng/ul#	94
67) N-Nitrosodiphenylamine	15.651	169	642724	19.813	ng/ul	99
68) 4-Bromophenyl-phenylether	16.328	248	211025	24.131	ng/ul	99
69) Hexachlorobenzene	16.440	284	235303	20.064	ng/ul	97
70) Atrazine	16.616	200	228750	20.377	ng/ul	99
71) Pentachlorophenol	16.787	266	154100	20.901	ng/ul	98
72) Phenanthrene	17.181	178	1195054	20.382	ng/ul	99
74) Anthracene	17.269	178	1229279	20.676	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.175	216	297206	19.856	ng/uL	98
76) Pentachlorobenzene	14.698	250	284905	19.525	ng/uL	99
77) Carbazole	17.545	167	1095067	20.135	ng/ul	99
78) Di-n-butylphthalate	18.110	149	1520867	23.398	ng/ul	100
80) Fluoranthene	19.157	202	1364114	20.811	ng/ul	98
82) Pyrene	19.504	202	1398174	20.556	ng/ul	99
83) Butylbenzylphthalate	20.392	149	713006	25.548	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.157	252	311060	13.650	ng/ul	98
85) Benzo(a)anthracene	21.222	228	1297073	20.239	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.157	149	1057345	24.198	ng/ul	99
87) Chrysene	21.275	228	1241743	20.214	ng/ul	99
89) Di-n-octyl phthalate	22.063	149	1847191	24.288	ng/ul	100
90) Benzo(b)fluoranthene	22.857	252	1330602	19.196	ng/ul	100
91) Benzo(k)fluoranthene	22.904	252	1319633	20.058	ng/ul	99
93) Benzo(a)pyrene	23.463	252	1244283	20.536	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.980	276	1603940	20.680	ng/ul	99
95) Dibenzo(a,h)anthracene	25.992	278	1347218	20.509	ng/ul	100
96) Benzo(g,h,i)perylene	26.715	276	1339205	20.898	ng/ul	99

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

