

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081122\
 Data File : BP011428.D
 Acq On : 12 Aug 2022 17:32
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020741

Quant Time: Aug 12 23:19:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP080822.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 11 23:05:53 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.575	152	113508	20.000	ng/u1	0.00
20) Naphthalene-d8	10.363	136	507808	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.251	164	305805	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.022	188	631718	20.000	ng/u1	0.00
79) Chrysene-d12	21.157	240	618357	20.000	ng/u1	0.00
88) Perylene-d12	23.462	264	619548	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.081	96	28221	7.622	ng/uL	0.00
4) Pyridine-d5	3.487	84	185287	19.838	ng/u1	0.00
7) Phenol-d5	6.757	99	193487	19.262	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.922	67	139459	19.580	ng/u1	0.00
11) 2-Chlorophenol-d4	7.110	132	166059	21.069	ng/u1	0.00
15) 4-Methylphenol-d8	8.299	113	165869	21.030	ng/u1	0.00
21) Nitrobenzene-d5	8.740	128	80302	23.236	ng/u1	0.00
24) 2-Nitrophenol-d4	9.457	143	82708	26.139	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.993	165	140926	22.055	ng/u1	0.00
31) 4-Chloroaniline-d4	10.516	131	234977	21.034	ng/u1	0.00
46) Dimethylphthalate-d6	13.675	166	466145	21.969	ng/u1	0.00
49) Acenaphthylene-d8	13.939	160	539447	21.120	ng/u1	0.00
54) 4-Nitrophenol-d4	14.481	143	78715	20.311	ng/u1	0.00
60) Fluorene-d10	15.257	176	377916	20.827	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.392	200	63875	21.769	ng/u1	0.00
73) Anthracene-d10	17.122	188	580242	20.435	ng/u1	0.00
81) Pyrene-d10	19.386	212	665021	19.521	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.315	264	623529	19.957	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.111	88	29495	7.500	ng/uL#	81
5) Pyridine	3.511	79	186576	19.178	ng/u1	88
6) Benzaldehyde	6.728	77	42422	9.690	ng/u1	96
8) Phenol	6.787	94	208658	19.190	ng/u1#	89
10) Bis(2-Chloroethyl)ether	7.016	93	172812	19.735	ng/u1	93
12) 2-Chlorophenol	7.140	128	174939	21.301	ng/u1	98
13) 2-Methylphenol	8.028	108	154858	19.776	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.116	45	249994	19.034	ng/u1	95
16) Acetophenone	8.404	105	273184	21.408	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.393	70	147826	23.515	ng/u1	97
18) 4-Methylphenol	8.363	108	169592	20.205	ng/u1	100
19) Hexachloroethane	8.640	117	80363	23.174	ng/u1	98
22) Nitrobenzene	8.781	77	212942	22.010	ng/u1	96
23) Isophorone	9.310	82	391868	22.081	ng/u1#	97
25) 2-Nitrophenol	9.493	139	92741	25.150	ng/u1#	90
26) 2,4-Dimethylphenol	9.557	107	206372	22.149	ng/u1	94
27) Bis(2-Chloroethoxy)met...	9.798	93	230218	20.299	ng/u1	100
29) 2,4-Dichlorophenol	10.022	162	145050	21.707	ng/u1	98
30) Naphthalene	10.416	128	552368	19.993	ng/u1	99
32) 4-Chloroaniline	10.540	127	237436	21.205	ng/u1	98
33) Hexachlorobutadiene	10.693	225	94909	23.152	ng/u1	97
34) Caprolactam	11.340	113	50809	22.738	ng/u1	85
35) 4-Chloro-3-methylphenol	11.681	107	180736	23.005	ng/u1	99
36) 2-Methylnaphthalene	12.045	142	358915	20.958	ng/u1	99

08/13/2022
 Supervised By :Sohil
 Odhani

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37) 1-Methylnaphthalene	12.263	142	367202	21.139	ng/ul#	98	08/13/2022
39) 1,2,4,5-Tetrachloroben...	12.416	216	161338	20.040	ng/ul	95	Supervised By :Sohil Jodhani
40) Hexachlorocyclopentadiene	12.392	237	92470	21.434	ng/ul	97	
41) 2,4,6-Trichlorophenol	12.669	196	106280	21.818	ng/ul	99	
42) 2,4,5-Trichlorophenol	12.740	196	113932	21.914	ng/ul	99	
43) 1,1'-Biphenyl	13.075	154	467535	19.470	ng/ul	99	
44) 2-Chloronaphthalene	13.116	162	351907	19.532	ng/ul	96	08/13/2022
45) 2-Nitroaniline	13.339	65	127526	27.869	ng/ul	97	
47) Dimethylphthalate	13.722	163	468939	21.820	ng/ul	100	
48) 2,6-Dinitrotoluene	13.845	165	88341	26.290	ng/ul	98	
50) Acenaphthylene	13.969	152	601584	20.433	ng/ul	99	
51) 3-Nitroaniline	14.175	138	61231	16.565	ng/ul	97	
52) Acenaphthene	14.316	153	397483	20.242	ng/ul	98	
53) 2,4-Dinitrophenol	14.386	184	40122	20.124	ng/ul#	88	
55) 4-Nitrophenol	14.492	109	92565	25.747	ng/ul#	71	
56) Dibenzofuran	14.657	168	532878	20.017	ng/ul	92	
57) 2,4-Dinitrotoluene	14.639	165	131787	25.587	ng/ul	90	
58) 2,3,4,6-Tetrachlorophenol	14.886	232	94803	23.440	ng/ul#	94	
59) Diethylphthalate	15.104	149	523106	23.496	ng/ul	98	
61) Fluorene	15.310	166	444208	20.547	ng/ul	99	
62) 4-Chlorophenyl-phenyle...	15.310	204	200230	21.188	ng/ul	89	
63) 4-Nitroaniline	15.351	138	61260m	17.032	ng/ul		
66) 4,6-Dinitro-2-methylph...	15.404	198	65378	21.638	ng/ul#	91	
67) N-Nitrosodiphenylamine	15.533	169	379079	20.364	ng/ul	99	
68) 4-Bromophenyl-phenylether	16.216	248	116424	20.826	ng/ul	90	
69) Hexachlorobenzene	16.316	284	134581	20.607	ng/ul	93	
70) Atrazine	16.504	200	138014	22.243	ng/ul	97	
71) Pentachlorophenol	16.669	266	79306	20.918	ng/ul	99	
72) Phenanthrene	17.069	178	701812	19.813	ng/ul	99	
74) Anthracene	17.157	178	716958	20.331	ng/ul	99	
75) 1,2,3,4-Tetrachloroben...	13.034	216	168105	18.536	ng/uL	99	
76) Pentachlorobenzene	14.569	250	158743	20.099	ng/uL	99	
77) Carbazole	17.439	167	655180	19.883	ng/ul	98	
78) Di-n-butylphthalate	18.016	149	880254	24.430	ng/ul	100	
80) Fluoranthene	19.063	202	798478	19.256	ng/ul#	93	
82) Pyrene	19.416	202	828958	18.940	ng/ul#	93	
83) Butylbenzylphthalate	20.316	149	409227	29.341	ng/ul	98	
84) 3,3'-Dichlorobenzidine	21.086	252	210563	18.711	ng/ul	99	
85) Benzo(a)anthracene	21.139	228	785231	19.793	ng/ul	100	
86) Bis(2-ethylhexyl)phtha...	21.086	149	603341	26.947	ng/ul	98	
87) Chrysene	21.192	228	780424	19.873	ng/ul	99	
89) Di-n-octyl phthalate	21.986	149	1001974	23.309	ng/ul	100	
90) Benzo(b)fluoranthene	22.763	252	798200	19.575	ng/ul	98	
91) Benzo(k)fluoranthene	22.810	252	762764	19.119	ng/ul	97	
93) Benzo(a)pyrene	23.362	252	781375	19.868	ng/ul	97	
94) Indeno(1,2,3-cd)pyrene	25.839	276	850852	19.570	ng/ul#	93	
95) Dibenzo(a,h)anthracene	25.862	278	736180	19.909	ng/ul#	94	
96) Benzo(g,h,i)perylene	26.574	276	729518	19.885	ng/ul	94	

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

