

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101623\
 Data File : BP017690.D
 Acq On : 16 Oct 2023 20:12
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020781

Quant Time: Oct 17 01:02:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 12 16:14:36 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/17/2023
 Supervised By :mohammad ahmed 10/18/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	111280	20.000	ng/u1	0.00
20) Naphthalene-d8	10.734	136	454463	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.604	164	289982	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.398	188	673381	20.000	ng/u1	0.00
79) Chrysene-d12	21.539	240	763408	20.000	ng/u1	0.00
88) Perylene-d12	24.109	264	872594	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	23513	7.790	ng/uL	0.00
4) Pyridine-d5	3.699	84	163830	19.635	ng/u1	0.00
7) Phenol-d5	7.057	99	193759	18.702	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.246	67	127303	20.262	ng/u1	0.00
11) 2-Chlorophenol-d4	7.422	132	161097	20.089	ng/u1	0.00
15) 4-Methylphenol-d8	8.622	113	155017	18.733	ng/u1	0.00
21) Nitrobenzene-d5	9.110	128	74953	19.635	ng/u1	0.00
24) 2-Nitrophenol-d4	9.828	143	78392	18.261	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.357	165	157726	19.549	ng/u1	0.00
31) 4-Chloroaniline-d4	10.910	131	218349	18.881	ng/u1	0.00
46) Dimethylphthalate-d6	14.022	166	489255	19.481	ng/u1	0.00
49) Acenaphthylene-d8	14.298	160	547790	20.255	ng/u1	0.00
54) 4-Nitrophenol-d4	14.851	143	66039	15.723	ng/u1	0.00
60) Fluorene-d10	15.610	176	432126	20.227	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.751	200	76581	16.090	ng/u1	0.00
73) Anthracene-d10	17.498	188	696302	20.030	ng/u1	0.00
81) Pyrene-d10	19.757	212	879005	19.131	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.939	264	989283	20.195	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.299	88	27405	8.562	ng/uL	97
5) Pyridine	3.716	79	175831	20.520	ng/u1	98
6) Benzaldehyde	7.063	77	124358	23.698	ng/u1	98
8) Phenol	7.087	94	198537	19.309	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.340	93	163041	19.761	ng/u1	97
12) 2-Chlorophenol	7.452	128	161002	20.095	ng/u1	96
13) 2-Methylphenol	8.351	108	145004	18.944	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.416	45	214458m	20.146	ng/u1	
16) Acetophenone	8.763	105	251676	19.546	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.722	70	126618	19.430	ng/u1	99
18) 4-Methylphenol	8.693	108	159719	19.196	ng/u1	95
19) Hexachloroethane	8.963	117	72380	20.222	ng/u1	97
22) Nitrobenzene	9.157	77	200472	20.446	ng/u1	96
23) Isophorone	9.663	82	337087	19.067	ng/u1	99
25) 2-Nitrophenol	9.857	139	89805	19.664	ng/u1	97
26) 2,4-Dimethylphenol	9.898	107	178163	19.634	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.157	93	214292	19.837	ng/u1	98
29) 2,4-Dichlorophenol	10.381	162	153726	19.746	ng/u1	97
30) Naphthalene	10.787	128	540785	20.468	ng/u1	98
32) 4-Chloroaniline	10.934	127	209747	18.968	ng/u1	95
33) Hexachlorobutadiene	11.010	225	122756	20.393	ng/u1	98
34) Caprolactam	11.763	113	37498	15.748	ng/u1	98
35) 4-Chloro-3-methylphenol	12.051	107	159417	19.409	ng/u1	97
36) 2-Methylnaphthalene	12.404	142	363394	20.084	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.628	142	369987	20.146	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.757	216	218201	20.625	ng/ul	97
40) Hexachlorocyclopentadiene	12.698	237	83875	17.647	ng/ul#	97
41) 2,4,6-Trichlorophenol	13.022	196	125868	19.320	ng/ul	99
42) 2,4,5-Trichlorophenol	13.098	196	134121	19.501	ng/ul	97
43) 1,1'-Biphenyl	13.428	154	486080	20.452	ng/ul	99
44) 2-Chloronaphthalene	13.475	162	391863	20.610	ng/ul	99
45) 2-Nitroaniline	13.722	65	103546	19.700	ng/ul	95
47) Dimethylphthalate	14.069	163	491938	19.835	ng/ul	99
48) 2,6-Dinitrotoluene	14.216	165	86714	18.891	ng/ul	91
50) Acenaphthylene	14.328	152	621647	20.319	ng/ul	99
51) 3-Nitroaniline	14.563	138	90284	19.502	ng/ul	99
52) Acenaphthene	14.669	153	420034	20.641	ng/ul	96
53) 2,4-Dinitrophenol	14.775	184	35592	12.557	ng/ul	92
55) 4-Nitrophenol	14.863	109	65213m	16.571	ng/ul	
56) Dibenzofuran	15.010	168	597090	20.454	ng/ul	99
57) 2,4-Dinitrotoluene	15.010	165	137689	19.432	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.233	232	125178	19.675	ng/ul	98
59) Diethylphthalate	15.428	149	479680	19.282	ng/ul	100
61) Fluorene	15.663	166	484706	20.138	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.657	204	255901	19.995	ng/ul	98
63) 4-Nitroaniline	15.739	138	92794	20.170	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.769	198	84358	16.923	ng/ul#	98
67) N-Nitrosodiphenylamine	15.886	169	408295	20.292	ng/ul	100
68) 4-Bromophenyl-phenylether	16.569	248	159650	19.662	ng/ul	96
69) Hexachlorobenzene	16.645	284	194039	20.080	ng/ul	95
70) Atrazine	16.851	200	140241	18.010	ng/ul	99
71) Pentachlorophenol	17.022	266	97688	16.692	ng/ul	96
72) Phenanthrene	17.439	178	802817	20.265	ng/ul	100
74) Anthracene	17.533	178	807896	20.160	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.381	216	217898	20.508	ng/uL	100
76) Pentachlorobenzene	14.898	250	222749	20.429	ng/uL	99
77) Carbazole	17.827	167	722604	19.912	ng/ul	99
78) Di-n-butylphthalate	18.339	149	775395	17.350	ng/ul	100
80) Fluoranthene	19.422	202	983968	18.739	ng/ul	98
82) Pyrene	19.786	202	1062703	19.373	ng/ul	99
83) Butylbenzylphthalate	20.657	149	348800	16.344	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.468	252	362619	18.545	ng/ul	99
85) Benzo(a)anthracene	21.521	228	1162093	19.853	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.404	149	492676	15.268	ng/ul	100
87) Chrysene	21.580	228	1090913	20.195	ng/ul	99
89) Di-n-octyl phthalate	22.386	149	886012	15.551	ng/ul	100
90) Benzo(b)fluoranthene	23.310	252	1172258	19.728	ng/ul	99
91) Benzo(k)fluoranthene	23.362	252	1223681	20.700	ng/ul	99
93) Benzo(a)pyrene	23.992	252	1137645	20.560	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.839	276	1406929	20.734	ng/ul	100
95) Dibenzo(a,h)anthracene	26.868	278	1175924	20.677	ng/ul	99
96) Benzo(g,h,i)perylene	27.686	276	1128613	20.916	ng/ul	100

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

