

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100223\
 Data File : BP017477.D
 Acq On : 02 Oct 2023 15:07
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020764

Quant Time: Oct 02 23:18:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 30 04:02:20 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/03/2023
 Supervised By :mohammad ahmed 10/05/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	108802	20.000	ng/u1	0.00
20) Naphthalene-d8	10.787	136	467952	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.639	164	282663	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.428	188	635869	20.000	ng/u1	0.00
79) Chrysene-d12	21.557	240	619497	20.000	ng/u1	0.00
88) Perylene-d12	24.133	264	684438	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	23359	8.818	ng/uL	0.00
4) Pyridine-d5	3.728	84	157524	21.272	ng/u1	0.00
7) Phenol-d5	7.105	99	191756	21.459	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.293	67	117997	21.881	ng/u1	0.00
11) 2-Chlorophenol-d4	7.469	132	156755	22.118	ng/u1	0.00
15) 4-Methylphenol-d8	8.669	113	148436	21.366	ng/u1	0.00
21) Nitrobenzene-d5	9.157	128	72381	21.395	ng/u1	0.00
24) 2-Nitrophenol-d4	9.875	143	76973	20.955	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.404	165	148593	21.411	ng/u1	0.00
31) 4-Chloroaniline-d4	10.957	131	204388	20.331	ng/u1	0.00
46) Dimethylphthalate-d6	14.057	166	414713	20.481	ng/u1	0.00
49) Acenaphthylene-d8	14.339	160	480035	20.612	ng/u1	0.00
54) 4-Nitrophenol-d4	14.875	143	53444	15.150	ng/u1	0.00
60) Fluorene-d10	15.645	176	360869	20.701	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.786	200	58824	16.413	ng/u1	0.00
73) Anthracene-d10	17.528	188	575195	20.396	ng/u1	0.00
81) Pyrene-d10	19.780	212	694548	20.732	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.962	264	668311	20.280	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.328	88	23631	8.711	ng/uL	98
5) Pyridine	3.752	79	164404	21.385	ng/u1	99
6) Benzaldehyde	7.105	77	104762	22.973	ng/u1	99
8) Phenol	7.128	94	192703	21.441	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.387	93	157285	21.650	ng/u1	99
12) 2-Chlorophenol	7.499	128	158505	22.023	ng/u1	99
13) 2-Methylphenol	8.399	108	142833	21.477	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.463	45	205341m	22.348	ng/u1	
16) Acetophenone	8.804	105	234459	21.840	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.775	70	117895	22.005	ng/u1	95
18) 4-Methylphenol	8.734	108	153015	21.473	ng/u1	100
19) Hexachloroethane	9.016	117	67572	22.616	ng/u1	97
22) Nitrobenzene	9.199	77	184854	21.534	ng/u1	94
23) Isophorone	9.710	82	317389	20.633	ng/u1	97
25) 2-Nitrophenol	9.904	139	83773	21.046	ng/u1	99
26) 2,4-Dimethylphenol	9.946	107	165845	20.911	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.204	93	196665	19.805	ng/u1	97
29) 2,4-Dichlorophenol	10.428	162	147700	21.586	ng/u1	99
30) Naphthalene	10.840	128	503189	20.651	ng/u1	99
32) 4-Chloroaniline	10.981	127	197333	20.483	ng/u1	100
33) Hexachlorobutadiene	11.063	225	104078	21.856	ng/u1	96
34) Caprolactam	11.804	113	41256	20.867	ng/u1	97
35) 4-Chloro-3-methylphenol	12.087	107	148138	21.539	ng/u1	99
36) 2-Methylnaphthalene	12.451	142	329914	20.745	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.675	142	334464	20.574	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.804	216	187497	20.669	ng/ul	100
40) Hexachlorocyclopentadiene	12.745	237	104423	20.341	ng/ul	97
41) 2,4,6-Trichlorophenol	13.063	196	116505	21.173	ng/ul	98
42) 2,4,5-Trichlorophenol	13.134	196	121773	21.124	ng/ul	100
43) 1,1'-Biphenyl	13.469	154	433339	20.206	ng/ul	100
44) 2-Chloronaphthalene	13.516	162	349086	20.532	ng/ul	98
45) 2-Nitroaniline	13.757	65	90278	21.615	ng/ul	97
47) Dimethylphthalate	14.104	163	413637	20.279	ng/ul	98
48) 2,6-Dinitrotoluene	14.251	165	78628	22.193	ng/ul	98
50) Acenaphthylene	14.369	152	552021	20.270	ng/ul	99
51) 3-Nitroaniline	14.598	138	74750	19.606	ng/ul	94
52) Acenaphthene	14.704	153	363822	20.229	ng/ul	98
53) 2,4-Dinitrophenol	14.804	184	44632	20.139	ng/ul	96
55) 4-Nitrophenol	14.892	109	48126	17.462	ng/ul	93
56) Dibenzofuran	15.045	168	518575	21.055	ng/ul	99
57) 2,4-Dinitrotoluene	15.045	165	118038	22.619	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.269	232	106096	21.690	ng/ul	96
59) Diethylphthalate	15.463	149	406868	20.633	ng/ul	99
61) Fluorene	15.698	166	415854	20.781	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.692	204	212804	20.983	ng/ul	98
63) 4-Nitroaniline	15.769	138	68839	20.230	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.798	198	65356	16.904	ng/ul	95
67) N-Nitrosodiphenylamine	15.922	169	340125	19.446	ng/ul	99
68) 4-Bromophenyl-phenylether	16.604	248	129052	20.202	ng/ul	99
69) Hexachlorobenzene	16.686	284	151848	20.485	ng/ul	95
70) Atrazine	16.881	200	122531	19.554	ng/ul	100
71) Pentachlorophenol	17.057	266	88078	19.235	ng/ul	99
72) Phenanthrene	17.475	178	669634	20.106	ng/ul	98
74) Anthracene	17.569	178	685978	20.323	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.422	216	188517	19.317	ng/uL	96
76) Pentachlorobenzene	14.939	250	181395	19.677	ng/uL	99
77) Carbazole	17.857	167	607104	20.222	ng/ul	99
78) Di-n-butylphthalate	18.363	149	671746	20.347	ng/ul	100
80) Fluoranthene	19.451	202	808260	20.687	ng/ul	98
82) Pyrene	19.810	202	851576	20.503	ng/ul	100
83) Butylbenzylphthalate	20.674	149	309145	20.992	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.480	252	219939	16.341	ng/ul	99
85) Benzo(a)anthracene	21.539	228	850176	20.334	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.416	149	441541	20.761	ng/ul	98
87) Chrysene	21.598	228	795560	20.218	ng/ul	99
89) Di-n-octyl phthalate	22.398	149	771971	20.504	ng/ul	100
90) Benzo(b)fluoranthene	23.327	252	832196	20.623	ng/ul	99
91) Benzo(k)fluoranthene	23.380	252	815289	20.026	ng/ul	100
93) Benzo(a)pyrene	24.015	252	775080	20.075	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.856	276	904992	18.700	ng/ul	99
95) Dibenzo(a,h)anthracene	26.880	278	728863	18.082	ng/ul	97
96) Benzo(g,h,i)perylene	27.703	276	751478	19.256	ng/ul	98

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

