

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100423\
 Data File : BP017600.D
 Acq On : 06 Oct 2023 14:12
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020772

Quant Time: Oct 06 23:27:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 06 05:55:05 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/07/2023
 Supervised By :mohammad ahmed 10/07/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	98235	20.000	ng/u1	0.00
20) Naphthalene-d8	10.769	136	416673	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.628	164	263115	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.416	188	602789	20.000	ng/u1	0.00
79) Chrysene-d12	21.551	240	633308	20.000	ng/u1	0.00
88) Perylene-d12	24.127	264	684716	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	21187	8.623	ng/uL	0.00
4) Pyridine-d5	3.722	84	156566	24.343	ng/u1	0.00
7) Phenol-d5	7.087	99	190894	23.096	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.275	67	116312	23.062	ng/u1	0.00
11) 2-Chlorophenol-d4	7.452	132	152381	23.415	ng/u1	0.00
15) 4-Methylphenol-d8	8.657	113	151609	22.913	ng/u1	0.00
21) Nitrobenzene-d5	9.140	128	72934	22.752	ng/u1	0.00
24) 2-Nitrophenol-d4	9.857	143	79157	21.894	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.387	165	156936	23.414	ng/u1	0.00
31) 4-Chloroaniline-d4	10.940	131	218539	22.888	ng/u1	0.00
46) Dimethylphthalate-d6	14.045	166	464302	22.623	ng/u1	0.00
49) Acenaphthylene-d8	14.322	160	523220	23.119	ng/u1	0.00
54) 4-Nitrophenol-d4	14.869	143	73488	20.447	ng/u1	0.00
60) Fluorene-d10	15.628	176	409552	23.526	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.775	200	71486	19.023	ng/u1	0.00
73) Anthracene-d10	17.516	188	654330	23.451	ng/u1	0.00
81) Pyrene-d10	19.769	212	792795	22.528	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.957	264	802849	23.234	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.322	88	22255	8.811	ng/uL	97
5) Pyridine	3.740	79	161253	23.876	ng/u1	94
6) Benzaldehyde	7.093	77	107514	25.803	ng/u1	99
8) Phenol	7.116	94	192497	23.253	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.369	93	153990	22.974	ng/u1	100
12) 2-Chlorophenol	7.487	128	155723	23.642	ng/u1	97
13) 2-Methylphenol	8.387	108	141586	22.821	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.452	45	205453m	23.279	ng/u1	
16) Acetophenone	8.793	105	241943	23.185	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.757	70	122055	22.796	ng/u1	97
18) 4-Methylphenol	8.722	108	158142	23.556	ng/u1	98
19) Hexachloroethane	8.999	117	64129	21.934	ng/u1	97
22) Nitrobenzene	9.181	77	188082	22.811	ng/u1	97
23) Isophorone	9.699	82	332904	22.006	ng/u1	98
25) 2-Nitrophenol	9.893	139	87709	22.862	ng/u1	97
26) 2,4-Dimethylphenol	9.934	107	173915	22.865	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.187	93	207945	22.483	ng/u1	99
29) 2,4-Dichlorophenol	10.416	162	153261	23.549	ng/u1	98
30) Naphthalene	10.822	128	513527	23.099	ng/u1	100
32) 4-Chloroaniline	10.963	127	211531	23.209	ng/u1	96
33) Hexachlorobutadiene	11.046	225	105491	22.320	ng/u1	99
34) Caprolactam	11.798	113	46179	22.864	ng/u1	91
35) 4-Chloro-3-methylphenol	12.075	107	161149	23.461	ng/u1	98
36) 2-Methylnaphthalene	12.434	142	345037	22.713	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.657	142	357173	22.917	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.787	216	198497	23.026	ng/ul	100
40) Hexachlorocyclopentadiene	12.728	237	84209	17.320	ng/ul	94
41) 2,4,6-Trichlorophenol	13.051	196	125435	22.832	ng/ul	99
42) 2,4,5-Trichlorophenol	13.122	196	134975	23.333	ng/ul	98
43) 1,1'-Biphenyl	13.451	154	464706	23.072	ng/ul	100
44) 2-Chloronaphthalene	13.504	162	375606	23.455	ng/ul	100
45) 2-Nitroaniline	13.745	65	105006	23.598	ng/ul	100
47) Dimethylphthalate	14.092	163	467664	22.671	ng/ul	99
48) 2,6-Dinitrotoluene	14.239	165	87723	22.821	ng/ul	99
50) Acenaphthylene	14.351	152	596007	22.773	ng/ul	99
51) 3-Nitroaniline	14.587	138	85112	23.227	ng/ul	92
52) Acenaphthene	14.692	153	393983	22.806	ng/ul	99
53) 2,4-Dinitrophenol	14.792	184	32857	14.440	ng/ul	89
55) 4-Nitrophenol	14.881	109	66717	20.672	ng/ul	100
56) Dibenzofuran	15.034	168	566208	23.288	ng/ul	99
57) 2,4-Dinitrotoluene	15.028	165	135767	23.664	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.251	232	121589	23.748	ng/ul	98
59) Diethylphthalate	15.451	149	472357	22.829	ng/ul	100
61) Fluorene	15.686	166	468189	23.316	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.681	204	241032	23.432	ng/ul	99
63) 4-Nitroaniline	15.757	138	85164	24.726	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.786	198	77083	19.173	ng/ul	98
67) N-Nitrosodiphenylamine	15.910	169	391709	23.207	ng/ul	98
68) 4-Bromophenyl-phenylether	16.586	248	149873	23.453	ng/ul	99
69) Hexachlorobenzene	16.669	284	176361	23.434	ng/ul	99
70) Atrazine	16.869	200	144647	22.150	ng/ul	96
71) Pentachlorophenol	17.039	266	100226	21.999	ng/ul	98
72) Phenanthrene	17.457	178	758273	23.373	ng/ul	99
74) Anthracene	17.551	178	774359	23.418	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.404	216	203003	22.782	ng/uL	98
76) Pentachlorobenzene	14.922	250	204296	23.097	ng/uL	99
77) Carbazole	17.845	167	691424	23.286	ng/ul	99
78) Di-n-butylphthalate	18.357	149	803357	22.448	ng/ul	99
80) Fluoranthene	19.439	202	920170	22.446	ng/ul	99
82) Pyrene	19.798	202	963362	22.272	ng/ul	99
83) Butylbenzylphthalate	20.669	149	369912	21.776	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.480	252	306896	21.327	ng/ul	98
85) Benzo(a)anthracene	21.539	228	1031126	23.240	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.410	149	525156	21.448	ng/ul	100
87) Chrysene	21.592	228	956245	23.057	ng/ul	100
89) Di-n-octyl phthalate	22.398	149	913826	21.097	ng/ul	100
90) Benzo(b)fluoranthene	23.327	252	996141	23.175	ng/ul	99
91) Benzo(k)fluoranthene	23.380	252	1000502	23.346	ng/ul	100
93) Benzo(a)pyrene	24.010	252	929617	23.134	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.868	276	1112770	22.652	ng/ul	98
95) Dibenzo(a,h)anthracene	26.892	278	923453	22.310	ng/ul	99
96) Benzo(g,h,i)perylene	27.721	276	887923	22.532	ng/ul	100

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

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