

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100423\
 Data File : BP017531.D
 Acq On : 04 Oct 2023 14:12
 Operator : MA/JU
 Sample : SSTD02062
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020626

Quant Time: Oct 04 15:16:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 04 15:11:05 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh
 Patel

10/05/2023
 Supervised By :mohammad
 ahmed

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	96879	20.000	ng/u1	0.00
20) Naphthalene-d8	10.781	136	397150	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.639	164	257920	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.428	188	584158	20.000	ng/u1	0.00
79) Chrysene-d12	21.563	240	590793	20.000	ng/u1	0.00
88) Perylene-d12	24.145	264	652028	20.000	ng/u1	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	22248	9.433	ng/uL	0.00
4) Pyridine-d5	3.728	84	148939	22.588	ng/u1	0.00
7) Phenol-d5	7.099	99	180867	22.732	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.287	67	113973	23.736	ng/u1	0.00
11) 2-Chlorophenol-d4	7.463	132	147024	23.298	ng/u1	0.00
15) 4-Methylphenol-d8	8.669	113	147974	23.921	ng/u1	0.00
21) Nitrobenzene-d5	9.152	128	70872	24.684	ng/u1	0.00
24) 2-Nitrophenol-d4	9.869	143	79759	25.584	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.399	165	147496	25.042	ng/u1	0.00
31) 4-Chloroaniline-d4	10.951	131	206730	24.230	ng/u1	0.00
46) Dimethylphthalate-d6	14.051	166	467006	25.276	ng/u1	0.00
49) Acenaphthylene-d8	14.334	160	511697	24.079	ng/u1	0.00
54) 4-Nitrophenol-d4	14.875	143	76881	23.884	ng/u1	0.00
60) Fluorene-d10	15.639	176	393002	24.707	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.781	200	79857	24.255	ng/u1	0.00
73) Anthracene-d10	17.528	188	629811	24.310	ng/u1	0.00
81) Pyrene-d10	19.780	212	759284	23.766	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.974	264	756140	24.086	ng/u1	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.328	88	22867	9.467	ng/uL 100
5) Pyridine	3.752	79	156375	22.844	ng/u1 100
6) Benzaldehyde	7.105	77	104675	25.779	ng/u1 100
8) Phenol	7.128	94	183262	22.900	ng/u1 100
10) Bis(2-Chloroethyl)ether	7.381	93	151196	23.373	ng/u1 100
12) 2-Chlorophenol	7.499	128	147325	22.989	ng/u1 100
13) 2-Methylphenol	8.399	108	136882	23.115	ng/u1 100
14) 2,2'-oxybis(1-Chloropr...	8.457	45	199777m	24.418	ng/u1
16) Acetophenone	8.805	105	235741	24.662	ng/u1 100
17) N-Nitroso-di-n-propyla...	8.769	70	121436	25.455	ng/u1 100
18) 4-Methylphenol	8.734	108	148325	23.377	ng/u1 100
19) Hexachloroethane	9.010	117	65022	24.441	ng/u1 100
22) Nitrobenzene	9.199	77	184404	25.312	ng/u1 100
23) Isophorone	9.710	82	332698	25.484	ng/u1 100
25) 2-Nitrophenol	9.899	139	83557	24.734	ng/u1 100
26) 2,4-Dimethylphenol	9.946	107	166857	24.790	ng/u1 100
27) Bis(2-Chloroethoxy)met...	10.199	93	204388	24.253	ng/u1 100
29) 2,4-Dichlorophenol	10.428	162	144712	24.919	ng/u1 100
30) Naphthalene	10.834	128	488338	23.615	ng/u1 100
32) 4-Chloroaniline	10.975	127	201600	24.657	ng/u1 100
33) Hexachlorobutadiene	11.057	225	102000	25.238	ng/u1 100
34) Caprolactam	11.816	113	44609	26.585	ng/u1 100
35) 4-Chloro-3-methylphenol	12.087	107	151344	25.928	ng/u1 100
36) 2-Methylnaphthalene	12.445	142	334264	24.766	ng/u1 100

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37) 1-Methylnaphthalene	12.669	142	343492	24.896	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.798	216	192186	23.219	ng/ul	100
40) Hexachlorocyclopentadiene	12.740	237	95996	20.493	ng/ul	100
41) 2,4,6-Trichlorophenol	13.063	196	122663	24.431	ng/ul	100
42) 2,4,5-Trichlorophenol	13.134	196	129911	24.697	ng/ul	100
43) 1,1'-Biphenyl	13.463	154	451887	23.092	ng/ul	100
44) 2-Chloronaphthalene	13.510	162	357983	23.075	ng/ul	100
45) 2-Nitroaniline	13.757	65	101775	26.705	ng/ul	100
47) Dimethylphthalate	14.098	163	466277	25.052	ng/ul	100
48) 2,6-Dinitrotoluene	14.251	165	86937	26.893	ng/ul	100
50) Acenaphthylene	14.363	152	590158	23.750	ng/ul	100
51) 3-Nitroaniline	14.592	138	83562	24.020	ng/ul	100
52) Acenaphthene	14.704	153	387827	23.632	ng/ul	100
53) 2,4-Dinitrophenol	14.804	184	43242	21.384	ng/ul	100
55) 4-Nitrophenol	14.892	109	68654	27.300	ng/ul	100
56) Dibenzofuran	15.039	168	547991	24.384	ng/ul	100
57) 2,4-Dinitrotoluene	15.039	165	131599	27.636	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.263	232	118037	26.446	ng/ul	100
59) Diethylphthalate	15.463	149	470889	26.171	ng/ul	100
61) Fluorene	15.698	166	452933	24.805	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.686	204	230174	24.873	ng/ul	100
63) 4-Nitroaniline	15.769	138	81604	26.282	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.798	198	86529	24.362	ng/ul	100
67) N-Nitrosodiphenylamine	15.916	169	379352	23.609	ng/ul	100
68) 4-Bromophenyl-phenylether	16.598	248	140838	23.999	ng/ul	100
69) Hexachlorobenzene	16.681	284	167534	24.602	ng/ul	100
70) Atrazine	16.881	200	142878	24.820	ng/ul	100
71) Pentachlorophenol	17.051	266	96982	23.055	ng/ul	100
72) Phenanthrene	17.469	178	724209	23.670	ng/ul	100
74) Anthracene	17.563	178	746145	24.062	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.416	216	194424	21.686	ng/uL	100
76) Pentachlorobenzene	14.934	250	193838	22.888	ng/uL	100
77) Carbazole	17.857	167	662726	24.028	ng/ul	100
78) Di-n-butylphthalate	18.363	149	812299	26.783	ng/ul	100
80) Fluoranthene	19.451	202	880664	23.636	ng/ul	100
82) Pyrene	19.810	202	931107	23.507	ng/ul	100
83) Butylbenzylphthalate	20.680	149	368505	26.239	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.486	252	304688	23.737	ng/ul	100
85) Benzo(a)anthracene	21.545	228	953038	23.902	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.421	149	529464	26.105	ng/ul	100
87) Chrysene	21.604	228	896304	23.885	ng/ul	100
89) Di-n-octyl phthalate	22.416	149	901872	25.145	ng/ul	100
90) Benzo(b)fluoranthene	23.339	252	942619	24.520	ng/ul	100
91) Benzo(k)fluoranthene	23.398	252	929248	23.959	ng/ul	100
93) Benzo(a)pyrene	24.033	252	882651	23.997	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.898	276	1071024	23.231	ng/ul	100
95) Dibenzo(a,h)anthracene	26.921	278	902479	23.503	ng/ul	100
96) Benzo(g,h,i)perylene	27.756	276	861230	23.165	ng/ul	100

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

