

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080524\
 Data File : BP021376.D
 Acq On : 05 Aug 2024 17:42
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020728

Quant Time: Aug 06 04:09:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 29 12:46:18 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/06/2024
 Supervised By :mohammad ahmed 08/07/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.610	152	176439	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.375	136	665705	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.263	164	368817	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.086	188	735066	20.000	ng/u1	0.00
79) Chrysene-d12	21.527	240	896289	20.000	ng/u1	0.00
88) Perylene-d12	24.827	264	1096467	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.158	96	32089	8.276	ng/uL	-0.02
4) Pyridine-d5	3.575	84	215756	19.221	ng/u1	-0.02
7) Phenol-d5	6.834	99	251600	17.491	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	6.963	67	156480	17.950	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.163	132	219533	18.523	ng/u1	-0.02
15) 4-Methylphenol-d8	8.352	113	190607	15.954	ng/u1	-0.01
21) Nitrobenzene-d5	8.775	128	96027	18.572	ng/u1	-0.02
24) 2-Nitrophenol-d4	9.493	143	102901	17.388	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.051	165	187674	17.538	ng/u1	0.00
31) 4-Chloroaniline-d4	10.551	131	248850	17.553	ng/u1	0.00
46) Dimethylphthalate-d6	13.669	166	472586	17.627	ng/u1	-0.01
49) Acenaphthylene-d8	13.951	160	577481	19.182	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.604	143	84267m	22.090	ng/u1	0.02
60) Fluorene-d10	15.281	176	408706	18.581	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.475	200	71569	16.092	ng/u1	0.01
73) Anthracene-d10	17.186	188	627383	19.217	ng/u1	0.00
81) Pyrene-d10	19.574	212	844921	15.248	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.598	264	1002833	18.544	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.187	88	36581	8.578	ng/uL	99
5) Pyridine	3.599	79	219960	18.998	ng/u1	98
6) Benzaldehyde	6.799	77	167334	23.074	ng/u1	97
8) Phenol	6.863	94	261254	17.948	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.052	93	214444	17.834	ng/u1	97
12) 2-Chlorophenol	7.199	128	219107	18.446	ng/u1	96
13) 2-Methylphenol	8.081	108	198007	17.590	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.122	45	322815	18.582	ng/u1#	95
16) Acetophenone	8.440	105	318653	17.281	ng/u1#	89
17) N-Nitroso-di-n-propyla...	8.410	70	153606	15.899	ng/u1	96
18) 4-Methylphenol	8.422	108	205212	17.016	ng/u1	99
19) Hexachloroethane	8.657	117	99194	18.583	ng/u1	95
22) Nitrobenzene	8.816	77	238275	19.237	ng/u1	97
23) Isophorone	9.334	82	410966	16.690	ng/u1	100
25) 2-Nitrophenol	9.522	139	112117	18.165	ng/u1	94
26) 2,4-Dimethylphenol	9.593	107	222934	18.317	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.804	93	262686	17.550	ng/u1	99
29) 2,4-Dichlorophenol	10.081	162	187790	17.806	ng/u1	98
30) Naphthalene	10.428	128	672580	19.207	ng/u1	100
32) 4-Chloroaniline	10.575	127	238895	17.647	ng/u1	100
33) Hexachlorobutadiene	10.681	225	148169	18.737	ng/u1	98
34) Caprolactam	11.404	113	55966m	17.226	ng/u1	
35) 4-Chloro-3-methylphenol	11.734	107	190909	16.653	ng/u1	98
36) 2-Methylnaphthalene	12.051	142	419255	17.442	ng/u1	98

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37) 1-Methylnaphthalene	12.269	142	431564	17.457	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.428	216	244151	20.384	ng/ul	98
40) Hexachlorocyclopentadiene	12.375	237	148600	23.716	ng/ul	98
41) 2,4,6-Trichlorophenol	12.704	196	137799	18.207	ng/ul	97
42) 2,4,5-Trichlorophenol	12.810	196	142784	17.831	ng/ul	99
43) 1,1'-Biphenyl	13.081	154	532240	19.746	ng/ul	99
44) 2-Chloronaphthalene	13.122	162	427708	19.877	ng/ul	100
45) 2-Nitroaniline	13.381	65	113525	19.078	ng/ul	95
47) Dimethylphthalate	13.716	163	479607	17.630	ng/ul	99
48) 2,6-Dinitrotoluene	13.881	165	92142	16.941	ng/ul	98
50) Acenaphthylene	13.981	152	667424	19.581	ng/ul	99
51) 3-Nitroaniline	14.239	138	86280	18.230	ng/ul	94
52) Acenaphthene	14.322	153	437777	19.351	ng/ul	99
53) 2,4-Dinitrophenol	14.475	184	73837	25.851	ng/ul	90
55) 4-Nitrophenol	14.634	109	52802m	17.016	ng/ul	
56) Dibenzofuran	14.675	168	587109	18.951	ng/ul	98
57) 2,4-Dinitrotoluene	14.692	165	139671	18.707	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	14.934	232	118505	17.282	ng/ul	98
59) Diethylphthalate	15.110	149	459533	16.902	ng/ul	99
61) Fluorene	15.339	166	470721	18.620	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.334	204	242603	17.685	ng/ul	100
63) 4-Nitroaniline	15.434	138	83919	21.411	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.486	198	75051	15.913	ng/ul#	94
67) N-Nitrosodiphenylamine	15.557	169	383301	17.907	ng/ul	97
68) 4-Bromophenyl-phenylether	16.245	248	148769	17.267	ng/ul	96
69) Hexachlorobenzene	16.363	284	175606	17.776	ng/ul	98
70) Atrazine	16.551	200	137202	17.587	ng/ul	99
71) Pentachlorophenol	16.745	266	145578	27.132	ng/ul	95
72) Phenanthrene	17.133	178	736465	19.313	ng/ul	99
74) Anthracene	17.222	178	749659	19.284	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.040	216	230804	19.618	ng/uL	98
76) Pentachlorobenzene	14.592	250	213528	18.265	ng/uL	99
77) Carbazole	17.533	167	666143	20.962	ng/ul	100
78) Di-n-butylphthalate	18.080	149	748102	17.063	ng/ul	100
80) Fluoranthene	19.227	202	959207	14.334	ng/ul	98
82) Pyrene	19.604	202	1025518	15.060	ng/ul	98
83) Butylbenzylphthalate	20.539	149	416529	14.681	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.445	252	402259	19.641	ng/ul	99
85) Benzo(a)anthracene	21.510	228	1169724	18.630	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.410	149	598741	14.664	ng/ul	98
87) Chrysene	21.574	228	1093440	18.742	ng/ul	99
89) Di-n-octyl phthalate	22.645	149	1096280	15.135	ng/ul	100
90) Benzo(b)fluoranthene	23.780	252	1230048	18.486	ng/ul	98
91) Benzo(k)fluoranthene	23.851	252	1218125	18.344	ng/ul	100
93) Benzo(a)pyrene	24.662	252	1185383	18.852	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.580	276	1480781m	18.276	ng/ul	
95) Dibenzo(a,h)anthracene	28.627	278	1232339	18.367	ng/ul	98
96) Benzo(g,h,i)perylene	29.768	276	1192612m	18.073	ng/ul	

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

