

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050624\
 Data File : BP020232.D
 Acq On : 07 May 2024 15:17
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020784

Quant Time: May 07 16:23:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 06 12:26:12 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/08/2024
 Supervised By :mohammad ahmed 05/08/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	101815	20.000	ng/u1	0.02
20) Naphthalene-d8	10.387	136	419548	20.000	ng/u1	0.01
38) Acenaphthene-d10	14.286	164	261543	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.133	188	473484	20.000	ng/u1	0.00
79) Chrysene-d12	21.639	240	421396	20.000	ng/u1	0.00
88) Perylene-d12	25.021	264	523251	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.210	96	18586	7.710	ng/uL	0.00
4) Pyridine-d5	3.610	84	129792	18.529	ng/u1	0.00
7) Phenol-d5	6.798	99	164369	18.798	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	6.969	67	102662	19.328	ng/u1	0.02
11) 2-Chlorophenol-d4	7.151	132	123356	19.735	ng/u1	0.01
15) 4-Methylphenol-d8	8.322	113	132857	18.794	ng/u1	0.01
21) Nitrobenzene-d5	8.775	128	64077	20.396	ng/u1	0.02
24) 2-Nitrophenol-d4	9.487	143	74526	20.715	ng/u1	0.02
28) 2,4-Dichlorophenol-d3	10.022	165	134079	20.422	ng/u1	0.01
31) 4-Chloroaniline-d4	10.545	131	166022	18.068	ng/u1	0.01
46) Dimethylphthalate-d6	13.710	166	365198	19.121	ng/u1	0.00
49) Acenaphthylene-d8	13.975	160	420682	19.939	ng/u1	0.00
54) 4-Nitrophenol-d4	14.545	143	43019	14.655	ng/u1	0.00
60) Fluorene-d10	15.310	176	305325	19.166	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.469	200	56545	18.819	ng/u1	0.00
73) Anthracene-d10	17.239	188	419282	20.470	ng/u1	0.00
81) Pyrene-d10	19.645	212	454362	18.445	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.780	264	494878	19.561	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.246	88	19688	7.197	ng/uL	100
5) Pyridine	3.628	79	131961	18.625	ng/u1	97
6) Benzaldehyde	6.787	77	97684	22.226	ng/u1	96
8) Phenol	6.822	94	168929	18.718	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.057	93	136962	19.395	ng/u1	97
12) 2-Chlorophenol	7.181	128	131599	20.165	ng/u1	98
13) 2-Methylphenol	8.057	108	128624	19.107	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.134	45	170463	19.350	ng/u1	99
16) Acetophenone	8.440	105	223092	19.015	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.416	70	121808	19.131	ng/u1	96
18) 4-Methylphenol	8.387	108	138387	18.914	ng/u1	99
19) Hexachloroethane	8.657	117	59449	19.920	ng/u1	99
22) Nitrobenzene	8.816	77	182711	20.259	ng/u1	98
23) Isophorone	9.340	82	330103	19.035	ng/u1	99
25) 2-Nitrophenol	9.522	139	76270	20.466	ng/u1	97
26) 2,4-Dimethylphenol	9.581	107	158055	19.440	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.816	93	185417	19.286	ng/u1	99
29) 2,4-Dichlorophenol	10.051	162	129950	20.349	ng/u1	99
30) Naphthalene	10.439	128	423927	19.603	ng/u1	99
32) 4-Chloroaniline	10.569	127	162777	18.116	ng/u1	98
33) Hexachlorobutadiene	10.698	225	101690	20.502	ng/u1	96
34) Caprolactam	11.381	113	36026m	16.157	ng/u1	
35) 4-Chloro-3-methylphenol	11.704	107	148466	18.672	ng/u1	99
36) 2-Methylnaphthalene	12.063	142	293951	19.536	ng/u1	96

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050624\
 Data File : BP020232.D
 Acq On : 07 May 2024 15:17
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020784

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/08/2024
 Supervised By :mohammad ahmed 05/08/2024

Quant Time: May 07 16:23:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 06 12:26:12 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.286	142	293779	19.403	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.439	216	177109	21.713	ng/ul	99
40) Hexachlorocyclopentadiene	12.398	237	72008	16.232	ng/ul	91
41) 2,4,6-Trichlorophenol	12.698	196	106658	20.851	ng/ul	100
42) 2,4,5-Trichlorophenol	12.775	196	111636	20.282	ng/ul	94
43) 1,1'-Biphenyl	13.098	154	376837	20.371	ng/ul	98
44) 2-Chloronaphthalene	13.139	162	303397	20.669	ng/ul	99
45) 2-Nitroaniline	13.375	65	94827	19.476	ng/ul	97
47) Dimethylphthalate	13.751	163	366593	19.002	ng/ul	99
48) 2,6-Dinitrotoluene	13.886	165	75461	19.676	ng/ul	94
50) Acenaphthylene	14.004	152	474357	19.989	ng/ul	98
51) 3-Nitroaniline	14.227	138	62074	17.353	ng/ul	94
52) Acenaphthene	14.357	153	321623	20.168	ng/ul	97
53) 2,4-Dinitrophenol	14.457	184	36362	15.446	ng/ul	96
55) 4-Nitrophenol	14.563	109	59404	19.437	ng/ul	93
56) Dibenzofuran	14.704	168	427148	19.475	ng/ul	100
57) 2,4-Dinitrotoluene	14.704	165	101940	18.488	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	14.939	232	92541	18.722	ng/ul	99
59) Diethylphthalate	15.157	149	353531	18.358	ng/ul	99
61) Fluorene	15.374	166	345591	18.963	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.369	204	187309	19.373	ng/ul	96
63) 4-Nitroaniline	15.427	138	54139	18.161	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.486	198	58751	18.752	ng/ul#	98
67) N-Nitrosodiphenylamine	15.598	169	277556	21.053	ng/ul	97
68) 4-Bromophenyl-phenylether	16.304	248	112341	21.904	ng/ul	97
69) Hexachlorobenzene	16.404	284	127618	21.484	ng/ul	99
70) Atrazine	16.610	200	90808	19.425	ng/ul	96
71) Pentachlorophenol	16.780	266	68870	19.181	ng/ul	96
72) Phenanthrene	17.174	178	491704	20.354	ng/ul	99
74) Anthracene	17.274	178	499176	20.316	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.057	216	174172	24.751	ng/uL	98
76) Pentachlorobenzene	14.610	250	164578	23.371	ng/uL	97
77) Carbazole	17.574	167	413266	19.524	ng/ul	99
78) Di-n-butylphthalate	18.168	149	496596	19.355	ng/ul	99
80) Fluoranthene	19.292	202	534299	18.431	ng/ul	99
82) Pyrene	19.674	202	563567	18.684	ng/ul	99
83) Butylbenzylphthalate	20.657	149	209192	18.270	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.557	252	180149	21.006	ng/ul	98
85) Benzo(a)anthracene	21.621	228	571019	19.978	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.568	149	297390	18.004	ng/ul	99
87) Chrysene	21.692	228	530765	20.036	ng/ul	98
89) Di-n-octyl phthalate	22.880	149	515180	15.374	ng/ul	100
90) Benzo(b)fluoranthene	23.951	252	601391	19.321	ng/ul	99
91) Benzo(k)fluoranthene	24.021	252	606464	19.119	ng/ul	98
93) Benzo(a)pyrene	24.862	252	578793	19.543	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.833	276	742578m	20.453	ng/ul	
95) Dibenzo(a,h)anthracene	28.933	278	614581	20.466	ng/ul	100
96) Benzo(g,h,i)perylene	30.015	276	582459	19.892	ng/ul	97

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