

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102824\
 Data File : BP022709.D
 Acq On : 29 Oct 2024 11:07
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020685

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/30/2024
 Supervised By :mohammad ahmed 10/30/2024

Quant Time: Oct 29 11:36:36 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 29 04:53:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	87798	20.000	ng/u1	0.00
20) Naphthalene-d8	10.404	136	342285	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.269	164	278997	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.057	188	674842	20.000	ng/u1	0.00
79) Chrysene-d12	21.486	240	753268	20.000	ng/u1	0.00
88) Perylene-d12	24.739	264	871219	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	17267	7.643	ng/uL	0.00
4) Pyridine-d5	3.593	84	129594	20.894	ng/u1	0.00
7) Phenol-d5	6.834	99	149331	20.206	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.981	67	88263	20.319	ng/u1	0.00
11) 2-Chlorophenol-d4	7.187	132	112988	21.546	ng/u1	0.00
15) 4-Methylphenol-d8	8.351	113	124338	21.081	ng/u1	0.00
21) Nitrobenzene-d5	8.787	128	55943	21.256	ng/u1	0.00
24) 2-Nitrophenol-d4	9.498	143	66278	21.752	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	141642	21.872	ng/u1	0.00
31) 4-Chloroaniline-d4	10.540	131	157769	20.618	ng/u1	0.00
46) Dimethylphthalate-d6	13.669	166	439086	19.808	ng/u1	0.00
49) Acenaphthylene-d8	13.951	160	487741	20.716	ng/u1	0.00
54) 4-Nitrophenol-d4	14.510	143	68994	18.553	ng/u1	0.00
60) Fluorene-d10	15.269	176	398306	20.716	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.410	200	80291	18.090	ng/u1	0.00
73) Anthracene-d10	17.163	188	659436	20.772	ng/u1	0.00
81) Pyrene-d10	19.533	212	823719	20.679	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.527	264	1002546	21.547	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.216	88	19377	7.976	ng/uL	99
5) Pyridine	3.611	79	130870	20.578	ng/u1	95
6) Benzaldehyde	6.804	77	91841	22.995	ng/u1	98
8) Phenol	6.863	94	157951	20.542	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.075	93	115929	20.145	ng/u1	98
12) 2-Chlorophenol	7.216	128	115065	21.219	ng/u1	95
13) 2-Methylphenol	8.087	108	116439	20.866	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.151	45	132742	19.848	ng/u1	99
16) Acetophenone	8.457	105	204235	20.975	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.440	70	102524	20.782	ng/u1	97
18) 4-Methylphenol	8.416	108	127140	20.538	ng/u1	96
19) Hexachloroethane	8.704	117	53193	21.062	ng/u1	97
22) Nitrobenzene	8.828	77	161357	20.540	ng/u1	99
23) Isophorone	9.351	82	284278	20.183	ng/u1	100
25) 2-Nitrophenol	9.528	139	71480	21.767	ng/u1	96
26) 2,4-Dimethylphenol	9.593	107	151743	21.260	ng/u1	96
27) Bis(2-Chloroethoxy)met...	9.822	93	158194	19.780	ng/u1	100
29) 2,4-Dichlorophenol	10.063	162	140531	22.036	ng/u1	95
30) Naphthalene	10.451	128	385607	21.151	ng/u1	99
32) 4-Chloroaniline	10.563	127	153780	20.359	ng/u1	96
33) Hexachlorobutadiene	10.728	225	114470	21.297	ng/u1	99
34) Caprolactam	11.351	113	40017	19.464	ng/u1	90
35) 4-Chloro-3-methylphenol	11.704	107	150791	21.671	ng/u1	95
36) 2-Methylnaphthalene	12.069	142	286174	21.384	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.281	142	289411	21.188	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.445	216	213970	20.741	ng/ul	96
40) Hexachlorocyclopentadiene	12.416	237	109908	17.487	ng/ul	96
41) 2,4,6-Trichlorophenol	12.692	196	136440	21.026	ng/ul	98
42) 2,4,5-Trichlorophenol	12.769	196	148343	21.470	ng/ul	98
43) 1,1'-Biphenyl	13.086	154	421705	20.970	ng/ul	99
44) 2-Chloronaphthalene	13.134	162	335241	20.364	ng/ul	98
45) 2-Nitroaniline	13.339	65	98691	20.077	ng/ul	99
47) Dimethylphthalate	13.722	163	436334	19.754	ng/ul	100
48) 2,6-Dinitrotoluene	13.851	165	91286	21.849	ng/ul	94
50) Acenaphthylene	13.981	152	500959	20.502	ng/ul	99
51) 3-Nitroaniline	14.192	138	77652	19.789	ng/ul	93
52) Acenaphthene	14.328	153	349893	20.250	ng/ul	99
53) 2,4-Dinitrophenol	14.404	184	47949	15.599	ng/ul	97
55) 4-Nitrophenol	14.522	109	80339	19.465	ng/ul	97
56) Dibenzofuran	14.657	168	527985	20.343	ng/ul	100
57) 2,4-Dinitrotoluene	14.651	165	136694	21.055	ng/ul#	85
58) 2,3,4,6-Tetrachlorophenol	14.910	232	140108	21.725	ng/ul	99
59) Diethylphthalate	15.110	149	424184	20.017	ng/ul	99
61) Fluorene	15.322	166	436345	20.633	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.322	204	251652	20.809	ng/ul	99
63) 4-Nitroaniline	15.351	138	83423	21.127	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.428	198	85999	17.989	ng/ul	99
67) N-Nitrosodiphenylamine	15.557	169	373778	20.683	ng/ul	100
68) 4-Bromophenyl-phenylether	16.239	248	174321	21.420	ng/ul	98
69) Hexachlorobenzene	16.351	284	219266	21.889	ng/ul	98
70) Atrazine	16.522	200	156902	20.887	ng/ul	95
71) Pentachlorophenol	16.716	266	131228	20.374	ng/ul	98
72) Phenanthrene	17.104	178	743469	20.592	ng/ul	99
74) Anthracene	17.198	178	749752	20.809	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.057	216	215626	20.985	ng/uL	97
76) Pentachlorobenzene	14.592	250	245499	21.613	ng/uL	96
77) Carbazole	17.474	167	642855	20.164	ng/ul	99
78) Di-n-butylphthalate	18.063	149	711454	20.168	ng/ul	99
80) Fluoranthene	19.186	202	955270	20.860	ng/ul	98
82) Pyrene	19.563	202	1014161	20.662	ng/ul	99
83) Butylbenzylphthalate	20.521	149	345385	20.212	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.392	252	351444	19.572	ng/ul	100
85) Benzo(a)anthracene	21.468	228	1084474	20.537	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.398	149	477538	19.468	ng/ul	99
87) Chrysene	21.539	228	1005588	20.537	ng/ul	100
89) Di-n-octyl phthalate	22.639	149	803083	19.379	ng/ul	100
90) Benzo(b)fluoranthene	23.715	252	1175147	21.429	ng/ul#	98
91) Benzo(k)fluoranthene	23.780	252	1162167	21.645	ng/ul	98
93) Benzo(a)pyrene	24.580	252	1031104	20.429	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.433	276	1396063m	20.728	ng/ul	
95) Dibenzo(a,h)anthracene	28.503	278	1114265	20.430	ng/ul	98
96) Benzo(g,h,i)perylene	29.574	276	1071115m	20.446	ng/ul	

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