

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
 Data File : BP022821.D
 Acq On : 04 Nov 2024 10:16
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020697

Quant Time: Nov 04 10:59:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 30 10:56:39 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/06/2024
 Supervised By :mohammad ahmed 11/08/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.622	152	56139	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.381	136	216124	20.000	ng/ul	#-0.01
38) Acenaphthene-d10	14.251	164	174650	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.063	188	469158	20.000	ng/ul	0.00
79) Chrysene-d12	21.492	240	540479	20.000	ng/ul	0.00
88) Perylene-d12	24.745	264	647357	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.176	96	10937	7.571	ng/uL	0.00
4) Pyridine-d5	3.593	84	79878	20.141	ng/ul	0.00
7) Phenol-d5	6.822	99	91586	19.381	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	6.969	67	53881	19.399	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.169	132	70114	20.910	ng/ul	-0.01
15) 4-Methylphenol-d8	8.334	113	75332	19.975	ng/ul	-0.01
21) Nitrobenzene-d5	8.769	128	35092	21.117	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.481	143	40956	21.288	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.022	165	91626	22.408	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.528	131	98535	20.393	ng/ul	-0.01
46) Dimethylphthalate-d6	13.663	166	288414	20.785	ng/ul	0.00
49) Acenaphthylene-d8	13.946	160	317134	21.518	ng/ul	0.00
54) 4-Nitrophenol-d4	14.498	143	38506	16.541	ng/ul	-0.01
60) Fluorene-d10	15.257	176	265900	22.092	ng/ul	-0.02
65) 4,6-Dinitro-2-methylph...	15.404	200	51044	16.543	ng/ul	0.00
73) Anthracene-d10	17.163	188	471871	21.380	ng/ul	0.00
81) Pyrene-d10	19.534	212	608024	21.273	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.516	264	738751	21.368	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.211	88	12250	7.886	ng/uL	99
5) Pyridine	3.611	79	82340	20.249	ng/ul	91
6) Benzaldehyde	6.793	77	51922	20.332	ng/ul	99
8) Phenol	6.846	94	96646	19.657	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.064	93	71622	19.465	ng/ul	99
12) 2-Chlorophenol	7.199	128	71448	20.606	ng/ul	99
13) 2-Methylphenol	8.075	108	70010	19.621	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.134	45	80705	18.872	ng/ul	98
16) Acetophenone	8.440	105	128000	20.559	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.422	70	63040	19.985	ng/ul	96
18) 4-Methylphenol	8.399	108	78838	19.917	ng/ul	98
19) Hexachloroethane	8.681	117	33470	20.726	ng/ul	96
22) Nitrobenzene	8.811	77	103030	20.771	ng/ul	98
23) Isophorone	9.328	82	169489	19.057	ng/ul	99
25) 2-Nitrophenol	9.516	139	42824	20.654	ng/ul	93
26) 2,4-Dimethylphenol	9.581	107	96989	21.521	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.805	93	97132	19.235	ng/ul	99
29) 2,4-Dichlorophenol	10.052	162	88183	21.899	ng/ul	98
30) Naphthalene	10.434	128	248562	21.593	ng/ul	99
32) 4-Chloroaniline	10.546	127	98953	20.747	ng/ul	100
33) Hexachlorobutadiene	10.710	225	75011	22.102	ng/ul	99
34) Caprolactam	11.334	113	24325m	18.738	ng/ul	
35) 4-Chloro-3-methylphenol	11.687	107	94906	21.602	ng/ul	98
36) 2-Methylnaphthalene	12.040	142	182301	21.574	ng/ul	94

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
 Data File : BP022821.D
 Acq On : 04 Nov 2024 10:16
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020697

Quant Time: Nov 04 10:59:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 30 10:56:39 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/06/2024
 Supervised By :mohammad ahmed 11/08/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.269	142	181664	21.063	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.416	216	140299	21.725	ng/ul	97
40) Hexachlorocyclopentadiene	12.387	237	66058	16.789	ng/ul	98
41) 2,4,6-Trichlorophenol	12.669	196	87208	21.469	ng/ul	98
42) 2,4,5-Trichlorophenol	12.757	196	94846	21.928	ng/ul	96
43) 1,1'-Biphenyl	13.057	154	268104	21.297	ng/ul	98
44) 2-Chloronaphthalene	13.110	162	225107	21.844	ng/ul	100
45) 2-Nitroaniline	13.328	65	62403	20.280	ng/ul	97
47) Dimethylphthalate	13.704	163	285503	20.648	ng/ul	100
48) 2,6-Dinitrotoluene	13.828	165	55994	21.410	ng/ul	93
50) Acenaphthylene	13.975	152	322539	21.086	ng/ul	100
51) 3-Nitroaniline	14.169	138	45868	18.673	ng/ul	99
52) Acenaphthene	14.322	153	232042	21.453	ng/ul	99
53) 2,4-Dinitrophenol	14.398	184	30741	15.975	ng/ul	100
55) 4-Nitrophenol	14.510	109	48833	18.900	ng/ul	87
56) Dibenzofuran	14.663	168	366819	22.577	ng/ul	98
57) 2,4-Dinitrotoluene	14.651	165	91479	22.509	ng/ul#	81
58) 2,3,4,6-Tetrachlorophenol	14.887	232	91778	22.733	ng/ul	100
59) Diethylphthalate	15.087	149	280456	21.142	ng/ul	98
61) Fluorene	15.316	166	299298	22.608	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.322	204	172735	22.817	ng/ul	97
63) 4-Nitroaniline	15.363	138	48529m	19.633	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.416	198	56789	17.087	ng/ul	100
67) N-Nitrosodiphenylamine	15.528	169	256841	20.443	ng/ul	100
68) 4-Bromophenyl-phenylether	16.222	248	125316	22.150	ng/ul	94
69) Hexachlorobenzene	16.357	284	151209	21.713	ng/ul	98
70) Atrazine	16.510	200	107669	20.617	ng/ul	94
71) Pentachlorophenol	16.710	266	88812	19.834	ng/ul	99
72) Phenanthrene	17.104	178	524059	20.878	ng/ul	99
74) Anthracene	17.192	178	542874	21.673	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.034	216	142755	19.984	ng/uL	97
76) Pentachlorobenzene	14.581	250	166575	21.094	ng/uL	98
77) Carbazole	17.487	167	459128	20.715	ng/ul	99
78) Di-n-butylphthalate	18.057	149	501554	20.451	ng/ul	100
80) Fluoranthene	19.186	202	695945	21.180	ng/ul	97
82) Pyrene	19.569	202	739913	21.010	ng/ul	97
83) Butylbenzylphthalate	20.522	149	242878	19.809	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.404	252	263423	20.446	ng/ul	96
85) Benzo(a)anthracene	21.475	228	784414	20.703	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.404	149	344561	19.578	ng/ul	98
87) Chrysene	21.539	228	746016	21.234	ng/ul	100
89) Di-n-octyl phthalate	22.639	149	593736	19.282	ng/ul	100
90) Benzo(b)fluoranthene	23.710	252	886082	21.745	ng/ul#	97
91) Benzo(k)fluoranthene	23.780	252	845196	21.185	ng/ul	99
93) Benzo(a)pyrene	24.592	252	802302	21.393	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.410	276	1042791m	20.837	ng/ul	
95) Dibenzo(a,h)anthracene	28.474	278	838062	20.680	ng/ul	99
96) Benzo(g,h,i)perylene	29.527	276	787514m	20.230	ng/ul	

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

