

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112224\
 Data File : BP023309.D
 Acq On : 22 Nov 2024 18:45
 Operator : RC/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020737

Quant Time: Nov 22 23:57:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 20 04:34:35 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/25/2024
 Supervised By :mohammad ahmed 11/27/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.569	152	54084	20.000	ng/u1	0.00
20) Naphthalene-d8	10.304	136	213243	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.175	164	170237	20.000	ng/u1	-0.01
64) Phenanthrene-d10	16.986	188	463433	20.000	ng/u1	#-0.01
79) Chrysene-d12	21.439	240	622462	20.000	ng/u1	0.02
88) Perylene-d12	24.663	264	805864	20.000	ng/u1	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.128	96	10387	9.231	ng/uL	0.00
4) Pyridine-d5	3.540	84	71286	21.324	ng/u1	0.00
7) Phenol-d5	6.769	99	82496	20.631	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.916	67	52506	22.350	ng/u1	0.00
11) 2-Chlorophenol-d4	7.111	132	61163	20.886	ng/u1	0.00
15) 4-Methylphenol-d8	8.281	113	66058	20.076	ng/u1	0.00
21) Nitrobenzene-d5	8.710	128	31057	20.920	ng/u1	0.00
24) 2-Nitrophenol-d4	9.422	143	34810	19.668	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.957	165	74586	20.124	ng/u1	0.00
31) 4-Chloroaniline-d4	10.463	131	87400	19.766	ng/u1	0.00
46) Dimethylphthalate-d6	13.587	166	260958	21.269	ng/u1	0.00
49) Acenaphthylene-d8	13.863	160	274487	21.440	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.457	143	29705	16.110	ng/u1	0.00
60) Fluorene-d10	15.192	176	239675	22.280	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.345	200	48575	17.497	ng/u1	0.00
73) Anthracene-d10	17.086	188	421780	21.495	ng/u1	-0.01
81) Pyrene-d10	19.486	212	585138	20.409	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.427	264	808337	21.058	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.164	88	11368	8.744	ng/uL	97
5) Pyridine	3.558	79	74394	22.159	ng/u1	94
6) Benzaldehyde	6.734	77	59654m	25.925	ng/u1	
8) Phenol	6.799	94	88181	21.119	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.005	93	70108	22.344	ng/u1	96
12) 2-Chlorophenol	7.146	128	64472	21.205	ng/u1	94
13) 2-Methylphenol	8.022	108	64428	20.671	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.069	45	84862	23.891	ng/u1	94
16) Acetophenone	8.381	105	114217	20.657	ng/u1	93
17) N-Nitroso-di-n-propyla...	8.358	70	61644	22.328	ng/u1#	96
18) 4-Methylphenol	8.346	108	70678	20.530	ng/u1	99
19) Hexachloroethane	8.605	117	30513	20.751	ng/u1	98
22) Nitrobenzene	8.752	77	96357	22.621	ng/u1	95
23) Isophorone	9.257	82	165149	21.682	ng/u1	97
25) 2-Nitrophenol	9.457	139	38615	20.671	ng/u1	97
26) 2,4-Dimethylphenol	9.516	107	86533	21.452	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.740	93	92410	22.050	ng/u1	97
29) 2,4-Dichlorophenol	9.981	162	74586	20.316	ng/u1	93
30) Naphthalene	10.352	128	215330	20.785	ng/u1	98
32) 4-Chloroaniline	10.493	127	85810	20.031	ng/u1	94
33) Hexachlorobutadiene	10.628	225	65355	19.674	ng/u1	98
34) Caprolactam	11.275	113	23047m	21.106	ng/u1	
35) 4-Chloro-3-methylphenol	11.634	107	83287	21.088	ng/u1	98
36) 2-Methylnaphthalene	11.969	142	159089	20.341	ng/u1	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112224\
 Data File : BP023309.D
 Acq On : 22 Nov 2024 18:45
 Operator : RC/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020737

Quant Time: Nov 22 23:57:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 20 04:34:35 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/25/2024
 Supervised By :mohammad ahmed 11/27/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.193	142	162780	20.359	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.346	216	119314	20.760	ng/ul	97
40) Hexachlorocyclopentadiene	12.310	237	43759	14.496	ng/ul	99
41) 2,4,6-Trichlorophenol	12.604	196	71368	20.393	ng/ul	96
42) 2,4,5-Trichlorophenol	12.704	196	77324	20.495	ng/ul	96
43) 1,1'-Biphenyl	12.998	154	232384	21.303	ng/ul	99
44) 2-Chloronaphthalene	13.040	162	189969	21.304	ng/ul	98
45) 2-Nitroaniline	13.275	65	59572	23.793	ng/ul	96
47) Dimethylphthalate	13.645	163	256854	21.227	ng/ul	99
48) 2,6-Dinitrotoluene	13.775	165	49085	20.854	ng/ul	97
50) Acenaphthylene	13.893	152	283486	21.906	ng/ul	99
51) 3-Nitroaniline	14.122	138	45115	22.254	ng/ul#	93
52) Acenaphthene	14.240	153	205452	21.868	ng/ul	97
53) 2,4-Dinitrophenol	14.363	184	27171	16.269	ng/ul	96
55) 4-Nitrophenol	14.469	109	35387	16.404	ng/ul	91
56) Dibenzofuran	14.581	168	316157	21.780	ng/ul	95
57) 2,4-Dinitrotoluene	14.581	165	83347	22.218	ng/ul#	66
58) 2,3,4,6-Tetrachlorophenol	14.834	232	79584	21.580	ng/ul	97
59) Diethylphthalate	15.022	149	256547	21.438	ng/ul	100
61) Fluorene	15.240	166	254234	21.399	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.234	204	143443	20.505	ng/ul	99
63) 4-Nitroaniline	15.298	138	46646	24.727	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.363	198	52863	17.825	ng/ul	98
67) N-Nitrosodiphenylamine	15.469	169	227380	21.233	ng/ul	98
68) 4-Bromophenyl-phenylether	16.157	248	102774	19.584	ng/ul	98
69) Hexachlorobenzene	16.281	284	127835	19.350	ng/ul	97
70) Atrazine	16.445	200	104435	20.175	ng/ul	98
71) Pentachlorophenol	16.645	266	70988	17.307	ng/ul	97
72) Phenanthrene	17.034	178	480056	21.939	ng/ul	99
74) Anthracene	17.116	178	481101	21.869	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.963	216	116561	19.050	ng/uL	96
76) Pentachlorobenzene	14.510	250	133826	19.155	ng/uL	98
77) Carbazole	17.422	167	430890	22.450	ng/ul	99
78) Di-n-butylphthalate	17.998	149	452330	21.237	ng/ul	99
80) Fluoranthene	19.139	202	664869	20.129	ng/ul	98
82) Pyrene	19.522	202	719413	20.274	ng/ul	99
83) Butylbenzylphthalate	20.469	149	231567	19.821	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.351	252	285364	20.423	ng/ul	97
85) Benzo(a)anthracene	21.422	228	822691	21.645	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.345	149	331582	19.973	ng/ul	95
87) Chrysene	21.480	228	786364	21.988	ng/ul	98
89) Di-n-octyl phthalate	22.563	149	603361	18.455	ng/ul	100
90) Benzo(b)fluoranthene	23.645	252	943943	21.045	ng/ul	99
91) Benzo(k)fluoranthene	23.704	252	926032	20.972	ng/ul#	98
93) Benzo(a)pyrene	24.504	252	868731	21.425	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.286	276	1175063m	20.801	ng/ul	
95) Dibenzo(a,h)anthracene	28.351	278	935763	20.401	ng/ul	99
96) Benzo(g,h,i)perylene	29.433	276	895590m	20.872	ng/ul	

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

