

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122023\
 Data File : BP019001.D
 Acq On : 21 Dec 2023 14:39
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020739

Quant Time: Dec 21 15:41:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 21 04:46:12 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/22/2023
 Supervised By :mohammad ahmed 12/22/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	124616	20.000	ng/u1	0.00
20) Naphthalene-d8	10.616	136	450218	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.457	164	271318	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.210	188	624628	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.298	240	743410	20.000	ng/u1	0.00
88) Perylene-d12	23.662	264	910427	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	27857	7.618	ng/uL	0.00
4) Pyridine-d5	3.669	84	186172	19.007	ng/u1	0.00
7) Phenol-d5	6.992	99	215894	17.264	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.157	67	125896	16.986	ng/u1	0.00
11) 2-Chlorophenol-d4	7.351	132	174370	17.869	ng/u1	0.00
15) 4-Methylphenol-d8	8.539	113	162095	16.016	ng/u1	0.00
21) Nitrobenzene-d5	8.981	128	78522	19.596	ng/u1	0.00
24) 2-Nitrophenol-d4	9.704	143	84894	20.435	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.239	165	170101	20.024	ng/u1	0.00
31) 4-Chloroaniline-d4	10.757	131	204476	18.418	ng/u1	0.00
46) Dimethylphthalate-d6	13.874	166	466191	19.252	ng/u1	0.00
49) Acenaphthylene-d8	14.145	160	527927	19.799	ng/u1	0.00
54) 4-Nitrophenol-d4	14.669	143	79809	20.078	ng/u1	0.00
60) Fluorene-d10	15.451	176	410655	20.203	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.574	200	77659	20.735	ng/u1	0.00
73) Anthracene-d10	17.304	188	662619	20.179	ng/u1	0.00
81) Pyrene-d10	19.545	212	852921	14.739	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.509	264	1035013	19.498	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.281	88	29888	7.453	ng/uL	98
5) Pyridine	3.687	79	186855	18.890	ng/u1	96
6) Benzaldehyde	6.963	77	104207	16.139	ng/u1	98
8) Phenol	7.022	94	213522	17.411	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.251	93	173326	17.209	ng/u1	100
12) 2-Chlorophenol	7.387	128	177103	17.933	ng/u1	97
13) 2-Methylphenol	8.269	108	154617	16.468	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.345	45	202034	15.809	ng/u1	99
16) Acetophenone	8.645	105	250805	16.628	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.634	70	118526	14.284	ng/u1	96
18) 4-Methylphenol	8.598	108	164694	16.064	ng/u1	99
19) Hexachloroethane	8.892	117	76082	18.791	ng/u1	85
22) Nitrobenzene	9.022	77	188548	19.353	ng/u1	99
23) Isophorone	9.551	82	324406	16.331	ng/u1	98
25) 2-Nitrophenol	9.733	139	91128	20.487	ng/u1	96
26) 2,4-Dimethylphenol	9.798	107	164874	18.952	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.039	93	213934	17.059	ng/u1	99
29) 2,4-Dichlorophenol	10.269	162	164252	20.074	ng/u1	98
30) Naphthalene	10.663	128	529921	19.403	ng/u1	100
32) 4-Chloroaniline	10.786	127	201215	19.016	ng/u1	100
33) Hexachlorobutadiene	10.945	225	133253	24.316	ng/u1	99
34) Caprolactam	11.563	113	39198	15.623	ng/u1	92
35) 4-Chloro-3-methylphenol	11.916	107	156015	17.020	ng/u1	99
36) 2-Methylnaphthalene	12.275	142	349155	18.045	ng/u1	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122023\
 Data File : BP019001.D
 Acq On : 21 Dec 2023 14:39
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020739

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/22/2023
 Supervised By :mohammad ahmed 12/22/2023

Quant Time: Dec 21 15:41:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 21 04:46:12 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.498	142	351442	17.986	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.645	216	225916	22.950	ng/ul	98
40) Hexachlorocyclopentadiene	12.622	237	112108	19.214	ng/ul	98
41) 2,4,6-Trichlorophenol	12.892	196	130993	20.686	ng/ul	96
42) 2,4,5-Trichlorophenol	12.963	196	141969	20.680	ng/ul	98
43) 1,1'-Biphenyl	13.292	154	462939	19.729	ng/ul	98
44) 2-Chloronaphthalene	13.333	162	381746	20.598	ng/ul	98
45) 2-Nitroaniline	13.545	65	91570	18.226	ng/ul	94
47) Dimethylphthalate	13.922	163	458766	19.246	ng/ul	100
48) 2,6-Dinitrotoluene	14.039	165	86329	19.170	ng/ul	99
50) Acenaphthylene	14.174	152	592803	19.774	ng/ul	100
51) 3-Nitroaniline	14.369	138	86495	19.240	ng/ul	98
52) Acenaphthene	14.521	153	394576	19.906	ng/ul	98
53) 2,4-Dinitrophenol	14.580	184	46635	19.539	ng/ul	94
55) 4-Nitrophenol	14.680	109	65748	21.894	ng/ul	88
56) Dibenzofuran	14.857	168	557372	20.232	ng/ul	99
57) 2,4-Dinitrotoluene	14.827	165	131368	20.738	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.080	232	125433	21.782	ng/ul	96
59) Diethylphthalate	15.280	149	442933	18.989	ng/ul	99
61) Fluorene	15.504	166	452189	20.743	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.504	204	245136	21.441	ng/ul	96
63) 4-Nitroaniline	15.533	138	91541	21.375	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.592	198	83443	20.839	ng/ul#	90
67) N-Nitrosodiphenylamine	15.716	169	380027	18.360	ng/ul	99
68) 4-Bromophenyl-phenylether	16.398	248	158719	20.127	ng/ul	96
69) Hexachlorobenzene	16.510	284	192009	21.809	ng/ul	96
70) Atrazine	16.674	200	90231	14.663	ng/ul	98
71) Pentachlorophenol	16.857	266	112915	21.564	ng/ul	98
72) Phenanthrene	17.251	178	752268	19.941	ng/ul	99
74) Anthracene	17.339	178	767735	20.303	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.251	216	223281	20.673	ng/uL	98
76) Pentachlorobenzene	14.774	250	222401	20.963	ng/uL	97
77) Carbazole	17.615	167	679391	22.543	ng/ul	99
78) Di-n-butylphthalate	18.168	149	750582	18.704	ng/ul	100
80) Fluoranthene	19.221	202	963584	14.087	ng/ul	95
82) Pyrene	19.574	202	1023058	14.826	ng/ul#	93
83) Butylbenzylphthalate	20.456	149	360686	14.277	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.221	252	397892	22.025	ng/ul	100
85) Benzo(a)anthracene	21.286	228	1159956	19.223	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.215	149	535700	15.428	ng/ul#	99
87) Chrysene	21.339	228	1087672	19.574	ng/ul	99
89) Di-n-octyl phthalate	22.121	149	979122	14.730	ng/ul	100
90) Benzo(b)fluoranthene	22.939	252	1234791	18.395	ng/ul	98
91) Benzo(k)fluoranthene	22.986	252	1249650m	19.240	ng/ul	
93) Benzo(a)pyrene	23.556	252	1185852	19.334	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.115	276	1527861	20.849	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.133	278	1264806	20.747	ng/ul	97
96) Benzo(g,h,i)perylene	26.868	276	1224289	20.759	ng/ul#	94

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

