

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110723\
 Data File : BP017972.D
 Acq On : 08 Nov 2023 21:23
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020661

Quant Time: Nov 08 22:45:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 07 03:40:56 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/09/2023
 Supervised By :mohammad ahmed 11/11/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	90987	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.669	136	385363	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.516	164	249494	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.286	188	563117	20.000	ng/u1	#-0.01
79) Chrysene-d12	21.409	240	519569	20.000	ng/u1	0.00
88) Perylene-d12	23.886	264	551942	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	19685	8.280	ng/uL	0.00
4) Pyridine-d5	3.675	84	132591	20.096	ng/u1	0.00
7) Phenol-d5	7.016	99	161034	18.873	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.204	67	101763	19.772	ng/u1	0.00
11) 2-Chlorophenol-d4	7.375	132	130136	19.849	ng/u1	-0.01
15) 4-Methylphenol-d8	8.575	113	133052	18.867	ng/u1	0.00
21) Nitrobenzene-d5	9.057	128	65969	21.421	ng/u1	0.00
24) 2-Nitrophenol-d4	9.769	143	74622	21.038	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.292	165	130798	20.115	ng/u1	0.00
31) 4-Chloroaniline-d4	10.845	131	182983	19.419	ng/u1	0.00
46) Dimethylphthalate-d6	13.933	166	428608	19.592	ng/u1	-0.01
49) Acenaphthylene-d8	14.216	160	472524	19.684	ng/u1	0.00
54) 4-Nitrophenol-d4	14.769	143	61248	18.209	ng/u1	0.00
60) Fluorene-d10	15.516	176	354705	19.371	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.663	200	71066	17.257	ng/u1	-0.01
73) Anthracene-d10	17.392	188	562391	19.208	ng/u1	0.00
81) Pyrene-d10	19.639	212	658962	19.979	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.721	264	609244	19.755	ng/u1	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.275	88	21900	8.436	ng/uL	98
5) Pyridine	3.693	79	139224	20.296	ng/u1	97
6) Benzaldehyde	7.022	77	104451	22.010	ng/u1	97
8) Phenol	7.045	94	160101	19.074	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.298	93	131765	19.601	ng/u1	99
12) 2-Chlorophenol	7.410	128	130195	19.996	ng/u1	99
13) 2-Methylphenol	8.304	108	120940	18.742	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.363	45	154671m	19.985	ng/u1	
16) Acetophenone	8.710	105	211609	18.697	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.675	70	115890	19.566	ng/u1	99
18) 4-Methylphenol	8.640	108	131571	18.954	ng/u1	94
19) Hexachloroethane	8.904	117	62366	19.175	ng/u1	95
22) Nitrobenzene	9.098	77	181765	21.641	ng/u1	100
23) Isophorone	9.604	82	319426	20.913	ng/u1	99
25) 2-Nitrophenol	9.798	139	77254	21.046	ng/u1	99
26) 2,4-Dimethylphenol	9.839	107	161921	20.886	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.092	93	179116	21.318	ng/u1	98
29) 2,4-Dichlorophenol	10.322	162	129551	20.601	ng/u1	94
30) Naphthalene	10.722	128	436605	19.521	ng/u1	100
32) 4-Chloroaniline	10.869	127	176186	19.469	ng/u1	97
33) Hexachlorobutadiene	10.934	225	92873	17.750	ng/u1	96
34) Caprolactam	11.698	113	39641m	19.779	ng/u1	
35) 4-Chloro-3-methylphenol	11.975	107	151489	20.809	ng/u1	94
36) 2-Methylnaphthalene	12.333	142	302483	19.820	ng/u1	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110723\
 Data File : BP017972.D
 Acq On : 08 Nov 2023 21:23
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020661

Quant Time: Nov 08 22:45:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 07 03:40:56 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/09/2023
 Supervised By :mohammad ahmed 11/11/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.551	142	309522	19.632	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.680	216	161500	18.687	ng/ul	98
40) Hexachlorocyclopentadiene	12.622	237	69967	15.202	ng/ul	97
41) 2,4,6-Trichlorophenol	12.945	196	106097	19.419	ng/ul	97
42) 2,4,5-Trichlorophenol	13.022	196	115119	20.462	ng/ul	99
43) 1,1'-Biphenyl	13.345	154	402972	19.806	ng/ul	99
44) 2-Chloronaphthalene	13.392	162	319839	19.733	ng/ul	97
45) 2-Nitroaniline	13.645	65	106281	21.899	ng/ul	91
47) Dimethylphthalate	13.986	163	426207	19.755	ng/ul	99
48) 2,6-Dinitrotoluene	14.139	165	83880	19.588	ng/ul	94
50) Acenaphthylene	14.245	152	532680	19.826	ng/ul	99
51) 3-Nitroaniline	14.480	138	80533	19.965	ng/ul	90
52) Acenaphthene	14.580	153	350504	19.683	ng/ul	99
53) 2,4-Dinitrophenol	14.698	184	35245	13.983	ng/ul#	83
55) 4-Nitrophenol	14.780	109	85333	19.554	ng/ul	95
56) Dibenzofuran	14.922	168	487127	19.804	ng/ul	100
57) 2,4-Dinitrotoluene	14.927	165	126775	19.811	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.139	232	97899	18.673	ng/ul#	89
59) Diethylphthalate	15.339	149	439764	19.563	ng/ul	98
61) Fluorene	15.574	166	405466	19.468	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.563	204	201418	18.688	ng/ul	98
63) 4-Nitroaniline	15.657	138	80650	21.134	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.680	198	72932	16.953	ng/ul#	95
67) N-Nitrosodiphenylamine	15.792	169	342261	19.748	ng/ul	99
68) 4-Bromophenyl-phenylether	16.468	248	117657	17.744	ng/ul	94
69) Hexachlorobenzene	16.545	284	131414	17.266	ng/ul#	88
70) Atrazine	16.751	200	121559	18.364	ng/ul	99
71) Pentachlorophenol	16.921	266	77183	16.695	ng/ul	95
72) Phenanthrene	17.333	178	644180	19.455	ng/ul	99
74) Anthracene	17.427	178	658322	19.560	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.298	216	162820	18.449	ng/ul	97
76) Pentachlorobenzene	14.810	250	156995	17.827	ng/ul	97
77) Carbazole	17.721	167	583144	19.430	ng/ul	99
78) Di-n-butylphthalate	18.227	149	751197	20.116	ng/ul	99
80) Fluoranthene	19.310	202	765686	19.892	ng/ul	98
82) Pyrene	19.668	202	811146	20.204	ng/ul	100
83) Butylbenzylphthalate	20.533	149	356114	20.161	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.339	252	237949	18.321	ng/ul	99
85) Benzo(a)anthracene	21.392	228	792355	19.803	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.268	149	506126	19.788	ng/ul	98
87) Chrysene	21.445	228	735457	19.821	ng/ul	99
89) Di-n-octyl phthalate	22.221	149	858077	18.408	ng/ul	100
90) Benzo(b)fluoranthene	23.115	252	753778	19.787	ng/ul	99
91) Benzo(k)fluoranthene	23.168	252	738135	19.322	ng/ul	100
93) Benzo(a)pyrene	23.774	252	699507	19.752	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.521	276	818531	19.406	ng/ul	98
95) Dibenzo(a,h)anthracene	26.539	278	684860	19.519	ng/ul	99
96) Benzo(g,h,i)perylene	27.333	276	658882	19.621	ng/ul	98

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