

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092923\
 Data File : BP017450.D
 Acq On : 29 Sep 2023 17:19
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020761

Quant Time: Sep 30 00:15:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 29 22:31:03 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/02/2023
 Supervised By :mohammad ahmed 10/03/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	149697	20.000	ng/u1	0.00
20) Naphthalene-d8	10.792	136	676921	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.645	164	433139	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.433	188	1014776	20.000	ng/u1	-0.01
79) Chrysene-d12	21.568	240	1010667	20.000	ng/u1	0.00
88) Perylene-d12	24.145	264	1130889	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	31481	8.638	ng/uL	0.00
4) Pyridine-d5	3.734	84	220913	21.682	ng/u1	0.00
7) Phenol-d5	7.110	99	277503	22.571	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.292	67	158656	21.383	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.475	132	221911	22.757	ng/u1	0.00
15) 4-Methylphenol-d8	8.675	113	223442	23.376	ng/u1	-0.01
21) Nitrobenzene-d5	9.163	128	110661	22.613	ng/u1	0.00
24) 2-Nitrophenol-d4	9.881	143	123804	23.299	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.410	165	228110	22.722	ng/u1	0.00
31) 4-Chloroaniline-d4	10.957	131	318348	21.891	ng/u1	-0.01
46) Dimethylphthalate-d6	14.063	166	649428	20.930	ng/u1	0.00
49) Acenaphthylene-d8	14.345	160	764386	21.419	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.880	143	111381	20.604	ng/u1	-0.01
60) Fluorene-d10	15.651	176	568817	21.294	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.792	200	100115	17.504	ng/u1	-0.01
73) Anthracene-d10	17.533	188	941912	20.929	ng/u1	-0.01
81) Pyrene-d10	19.786	212	1139351	20.847	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.968	264	1124125	20.645	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.334	88	30745	8.237	ng/uL	93
5) Pyridine	3.757	79	226329	21.397	ng/u1	100
6) Benzaldehyde	7.110	77	147127	23.450	ng/u1	97
8) Phenol	7.140	94	276606	22.369	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.392	93	214359	21.445	ng/u1	96
12) 2-Chlorophenol	7.504	128	225963	22.819	ng/u1	99
13) 2-Methylphenol	8.404	108	208413	22.777	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.469	45	273808m	21.659	ng/u1	
16) Acetophenone	8.810	105	340202	23.032	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.775	70	170422	23.119	ng/u1	99
18) 4-Methylphenol	8.739	108	224851	22.934	ng/u1	100
19) Hexachloroethane	9.022	117	94558	23.002	ng/u1	96
22) Nitrobenzene	9.204	77	265992	21.421	ng/u1	95
23) Isophorone	9.722	82	474631	21.330	ng/u1	100
25) 2-Nitrophenol	9.910	139	128559	22.327	ng/u1	97
26) 2,4-Dimethylphenol	9.951	107	247154	21.543	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.210	93	286412	19.939	ng/u1	98
29) 2,4-Dichlorophenol	10.434	162	221076	22.335	ng/u1	99
30) Naphthalene	10.845	128	727391	20.637	ng/u1	99
32) 4-Chloroaniline	10.986	127	307736	22.082	ng/u1	98
33) Hexachlorobutadiene	11.069	225	149903	21.761	ng/u1	97
34) Caprolactam	11.816	113	71676	25.062	ng/u1	95
35) 4-Chloro-3-methylphenol	12.098	107	233116	23.431	ng/u1	95
36) 2-Methylnaphthalene	12.457	142	490711	21.331	ng/u1	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092923\
 Data File : BP017450.D
 Acq On : 29 Sep 2023 17:19
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020761

Quant Time: Sep 30 00:15:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 29 22:31:03 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/02/2023
 Supervised By :mohammad ahmed 10/03/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.680	142	505566	21.499	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.810	216	283137	20.369	ng/ul	99
40) Hexachlorocyclopentadiene	12.751	237	128166	16.292	ng/ul	96
41) 2,4,6-Trichlorophenol	13.069	196	185065	21.949	ng/ul	99
42) 2,4,5-Trichlorophenol	13.145	196	200892	22.742	ng/ul	97
43) 1,1'-Biphenyl	13.475	154	652828	19.865	ng/ul	99
44) 2-Chloronaphthalene	13.522	162	533169	20.464	ng/ul	99
45) 2-Nitroaniline	13.763	65	154012	24.064	ng/ul	98
47) Dimethylphthalate	14.110	163	643034	20.573	ng/ul	99
48) 2,6-Dinitrotoluene	14.257	165	133439	24.579	ng/ul	94
50) Acenaphthylene	14.374	152	871478	20.884	ng/ul	99
51) 3-Nitroaniline	14.598	138	137954	23.613	ng/ul	94
52) Acenaphthene	14.710	153	562165	20.398	ng/ul	99
53) 2,4-Dinitrophenol	14.810	184	85675	25.228	ng/ul	95
55) 4-Nitrophenol	14.898	109	112986	26.754	ng/ul	90
56) Dibenzofuran	15.051	168	795416	21.076	ng/ul	100
57) 2,4-Dinitrotoluene	15.051	165	199586	24.958	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.274	232	171008	22.815	ng/ul	96
59) Diethylphthalate	15.469	149	648338	21.456	ng/ul	98
61) Fluorene	15.710	166	653469	21.310	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.698	204	330734	21.282	ng/ul	98
63) 4-Nitroaniline	15.774	138	134523	25.799	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.810	198	106807	17.311	ng/ul	97
67) N-Nitrosodiphenylamine	15.927	169	546005	19.561	ng/ul	99
68) 4-Bromophenyl-phenylether	16.604	248	202789	19.892	ng/ul	97
69) Hexachlorobenzene	16.692	284	244747	20.689	ng/ul	97
70) Atrazine	16.886	200	208960	20.895	ng/ul	98
71) Pentachlorophenol	17.063	266	146313	20.022	ng/ul	97
72) Phenanthrene	17.480	178	1084712	20.408	ng/ul	98
74) Anthracene	17.568	178	1109432	20.596	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.427	216	286033	18.366	ng/uL	98
76) Pentachlorobenzene	14.945	250	282229	19.183	ng/uL	99
77) Carbazole	17.863	167	993307	20.732	ng/ul	98
78) Di-n-butylphthalate	18.368	149	1167770	22.165	ng/ul	99
80) Fluoranthene	19.457	202	1328125	20.837	ng/ul	98
82) Pyrene	19.815	202	1396572	20.611	ng/ul	100
83) Butylbenzylphthalate	20.680	149	570241	23.735	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.486	252	414745	18.888	ng/ul	100
85) Benzo(a)anthracene	21.551	228	1412621	20.710	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.421	149	828960	23.892	ng/ul	98
87) Chrysene	21.603	228	1306295	20.349	ng/ul	98
89) Di-n-octyl phthalate	22.403	149	1438216	23.120	ng/ul	100
90) Benzo(b)fluoranthene	23.339	252	1387658	20.812	ng/ul	99
91) Benzo(k)fluoranthene	23.392	252	1322610	19.662	ng/ul	99
93) Benzo(a)pyrene	24.027	252	1286339	20.164	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.874	276	1575726	19.706	ng/ul	99
95) Dibenzo(a,h)anthracene	26.897	278	1301758	19.546	ng/ul	97
96) Benzo(g,h,i)perylene	27.727	276	1271198	19.714	ng/ul	98

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

