

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090123\
 Data File : BP016922.D
 Acq On : 01 Sep 2023 23:51
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020716

Quant Time: Sep 02 01:26:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 30 02:25:00 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/04/2023
 Supervised By :mohammad ahmed 09/05/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.016	152	392128	20.000	ng/u1	0.00
20) Naphthalene-d8	10.846	136	1747987	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.675	164	1136001	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.439	188	2516220	20.000	ng/u1	0.00
79) Chrysene-d12	21.539	240	2227189	20.000	ng/u1	0.00
88) Perylene-d12	24.110	264	2101877	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.376	96	73931	7.792	ng/uL	0.00
4) Pyridine-d5	3.811	84	553752	19.099	ng/u1	0.00
7) Phenol-d5	7.164	99	668568	19.174	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.358	67	424036	19.081	ng/u1	0.00
11) 2-Chlorophenol-d4	7.540	132	523755	19.978	ng/u1	0.00
15) 4-Methylphenol-d8	8.728	113	556671	19.557	ng/u1	0.00
21) Nitrobenzene-d5	9.216	128	267104	20.210	ng/u1	0.00
24) 2-Nitrophenol-d4	9.934	143	295588	21.218	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.458	165	538561	20.736	ng/u1	0.00
31) 4-Chloroaniline-d4	11.005	131	790860	19.856	ng/u1	0.00
46) Dimethylphthalate-d6	14.087	166	1663048	19.412	ng/u1	0.00
49) Acenaphthylene-d8	14.375	160	1925864	19.886	ng/u1	0.00
54) 4-Nitrophenol-d4	14.887	143	342020	19.315	ng/u1	0.00
60) Fluorene-d10	15.669	176	1411725	19.568	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.798	200	274484	18.317	ng/u1	0.00
73) Anthracene-d10	17.545	188	2210497	19.819	ng/u1	0.00
81) Pyrene-d10	19.775	212	2514774	20.559	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.933	264	2051104	19.481	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.411	88	78123	7.561	ng/uL	98
5) Pyridine	3.828	79	574726	19.243	ng/u1	100
6) Benzaldehyde	7.175	77	428316	22.462	ng/u1	98
8) Phenol	7.193	94	705132	19.323	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.452	93	560117	19.016	ng/u1	98
12) 2-Chlorophenol	7.569	128	527094	19.670	ng/u1	98
13) 2-Methylphenol	8.458	108	527724	19.279	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.528	45	835083m	19.436	ng/u1	
16) Acetophenone	8.869	105	872459	19.767	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.840	70	476016	20.465	ng/u1	100
18) 4-Methylphenol	8.793	108	581932	19.523	ng/u1	98
19) Hexachloroethane	9.087	117	215123	19.294	ng/u1	96
22) Nitrobenzene	9.258	77	671480	19.804	ng/u1	99
23) Isophorone	9.775	82	1347498	20.462	ng/u1	99
25) 2-Nitrophenol	9.963	139	316561	20.551	ng/u1	97
26) 2,4-Dimethylphenol	10.005	107	624556	20.173	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.258	93	790642	19.461	ng/u1	99
29) 2,4-Dichlorophenol	10.487	162	536158	20.551	ng/u1	99
30) Naphthalene	10.899	128	1766975	19.514	ng/u1	100
32) 4-Chloroaniline	11.028	127	773523	19.762	ng/u1	100
33) Hexachlorobutadiene	11.128	225	308510	19.198	ng/u1	99
34) Caprolactam	11.852	113	201628m	20.957	ng/u1	
35) 4-Chloro-3-methylphenol	12.128	107	610934	20.883	ng/u1	99
36) 2-Methylnaphthalene	12.499	142	1234149	19.746	ng/u1	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090123\
 Data File : BP016922.D
 Acq On : 01 Sep 2023 23:51
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020716

Quant Time: Sep 02 01:26:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 30 02:25:00 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/04/2023
 Supervised By :mohammad ahmed 09/05/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.722	142	1244100	19.739	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.851	216	618937	19.116	ng/ul	97
40) Hexachlorocyclopentadiene	12.799	237	441235	18.531	ng/ul	98
41) 2,4,6-Trichlorophenol	13.104	196	446594	20.655	ng/ul	98
42) 2,4,5-Trichlorophenol	13.175	196	482029	20.603	ng/ul	98
43) 1,1'-Biphenyl	13.504	154	1645055	19.477	ng/ul	99
44) 2-Chloronaphthalene	13.557	162	1292411	19.383	ng/ul	100
45) 2-Nitroaniline	13.787	65	420420	20.791	ng/ul	99
47) Dimethylphthalate	14.134	163	1671430	19.264	ng/ul	100
48) 2,6-Dinitrotoluene	14.275	165	340479	20.027	ng/ul	98
50) Acenaphthylene	14.404	152	2188607	19.744	ng/ul	99
51) 3-Nitroaniline	14.616	138	369102	20.850	ng/ul	99
52) Acenaphthene	14.740	153	1429016	19.487	ng/ul	99
53) 2,4-Dinitrophenol	14.816	184	254827	20.627	ng/ul	99
55) 4-Nitrophenol	14.904	109	260093	19.449	ng/ul	97
56) Dibenzofuran	15.075	168	1935663	19.237	ng/ul	99
57) 2,4-Dinitrotoluene	15.057	165	502747	20.091	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.293	232	398577	20.011	ng/ul	98
59) Diethylphthalate	15.487	149	1714843	19.455	ng/ul	100
61) Fluorene	15.728	166	1643596	19.529	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.716	204	792520	19.179	ng/ul	99
63) 4-Nitroaniline	15.787	138	367097	21.792	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.810	198	296575	18.357	ng/ul	96
67) N-Nitrosodiphenylamine	15.940	169	1373194	19.732	ng/ul	99
68) 4-Bromophenyl-phenylether	16.616	248	461949	19.149	ng/ul	94
69) Hexachlorobenzene	16.704	284	509661	18.869	ng/ul	98
70) Atrazine	16.892	200	528406	20.139	ng/ul	99
71) Pentachlorophenol	17.069	266	402428	20.070	ng/ul	99
72) Phenanthrene	17.487	178	2587046	19.530	ng/ul	100
74) Anthracene	17.581	178	2629020	19.628	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.463	216	652551	19.368	ng/ul	99
76) Pentachlorobenzene	14.969	250	584021	19.397	ng/ul	99
77) Carbazole	17.863	167	2427781	20.126	ng/ul	100
78) Di-n-butylphthalate	18.369	149	3102493	20.614	ng/ul	100
80) Fluoranthene	19.445	202	3039996	20.689	ng/ul	100
82) Pyrene	19.804	202	3115046	20.523	ng/ul	100
83) Butylbenzylphthalate	20.663	149	1479734	22.606	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.463	252	890895	18.714	ng/ul	98
85) Benzo(a)anthracene	21.522	228	3045786	19.854	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.398	149	2217153	23.197	ng/ul	99
87) Chrysene	21.580	228	2707546	19.429	ng/ul	100
89) Di-n-octyl phthalate	22.375	149	3719904	23.501	ng/ul	100
90) Benzo(b)fluoranthene	23.304	252	2617421	19.501	ng/ul	99
91) Benzo(k)fluoranthene	23.357	252	2558045	19.271	ng/ul	99
93) Benzo(a)pyrene	23.992	252	2366123	19.489	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.827	276	2451445	19.760	ng/ul	98
95) Dibenzo(a,h)anthracene	26.857	278	2029342	19.695	ng/ul	99
96) Benzo(g,h,i)perylene	27.686	276	1873491	19.919	ng/ul	99

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

