

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090123\
 Data File : BP016939.D
 Acq On : 02 Sep 2023 09:58
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020717

Quant Time: Sep 04 00:53:44 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	320251	20.000	ng/u1	0.00
20) Naphthalene-d8	10.846	136	1524353	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.669	164	1019057	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.439	188	2278478	20.000	ng/u1	0.00
79) Chrysene-d12	21.539	240	2111666	20.000	ng/u1	0.00
88) Perylene-d12	24.104	264	2114952	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	60846	7.852	ng/uL	-0.01
4) Pyridine-d5	3.805	84	457384	19.316	ng/u1	0.00
7) Phenol-d5	7.163	99	560111	19.669	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.352	67	362145	19.953	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.534	132	433028	20.225	ng/u1	-0.01
15) 4-Methylphenol-d8	8.722	113	477571	20.544	ng/u1	0.00
21) Nitrobenzene-d5	9.210	128	227315	19.723	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.928	143	250412	20.612	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.451	165	461903	20.394	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.999	131	690008	19.866	ng/u1	-0.01
46) Dimethylphthalate-d6	14.081	166	1508050	19.623	ng/u1	0.00
49) Acenaphthylene-d8	14.369	160	1727926	19.889	ng/u1	0.00
54) 4-Nitrophenol-d4	14.881	143	308807	19.441	ng/u1	0.00
60) Fluorene-d10	15.663	176	1278906	19.761	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.792	200	244459	18.016	ng/u1	0.00
73) Anthracene-d10	17.539	188	1998925	19.792	ng/u1	0.00
81) Pyrene-d10	19.775	212	2316913	19.977	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.933	264	2036358	19.222	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.405	88	64486	7.642	ng/uL	99
5) Pyridine	3.828	79	477644	19.582	ng/u1	99
6) Benzaldehyde	7.169	77	362993	23.309	ng/u1	99
8) Phenol	7.187	94	591390	19.844	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.446	93	473904	19.700	ng/u1	100
12) 2-Chlorophenol	7.569	128	438205	20.023	ng/u1	99
13) 2-Methylphenol	8.452	108	445779	19.941	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.528	45	722563m	20.591	ng/u1	
16) Acetophenone	8.863	105	757485	21.014	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.834	70	415173	21.856	ng/u1	98
18) 4-Methylphenol	8.787	108	499750	20.529	ng/u1	99
19) Hexachloroethane	9.081	117	178219	19.572	ng/u1	98
22) Nitrobenzene	9.257	77	585330	19.796	ng/u1	98
23) Isophorone	9.769	82	1182609	20.593	ng/u1	99
25) 2-Nitrophenol	9.957	139	273156	20.334	ng/u1	97
26) 2,4-Dimethylphenol	9.999	107	540377	20.014	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.257	93	703974	19.869	ng/u1	99
29) 2,4-Dichlorophenol	10.481	162	465160	20.446	ng/u1	99
30) Naphthalene	10.893	128	1529633	19.371	ng/u1	100
32) 4-Chloroaniline	11.028	127	683090	20.012	ng/u1	99
33) Hexachlorobutadiene	11.122	225	261543	18.663	ng/u1	98
34) Caprolactam	11.846	113	175375m	20.903	ng/u1	
35) 4-Chloro-3-methylphenol	12.122	107	542840	21.277	ng/u1	98
36) 2-Methylnaphthalene	12.498	142	1089514	19.989	ng/u1	100

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37) 1-Methylnaphthalene	12.716	142	1104677	20.099	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.845	216	540267	18.601	ng/ul	100
40) Hexachlorocyclopentadiene	12.793	237	371678	17.401	ng/ul	99
41) 2,4,6-Trichlorophenol	13.098	196	391449	20.182	ng/ul	99
42) 2,4,5-Trichlorophenol	13.169	196	420623	20.041	ng/ul	99
43) 1,1'-Biphenyl	13.504	154	1477228	19.497	ng/ul	100
44) 2-Chloronaphthalene	13.551	162	1160086	19.395	ng/ul	99
45) 2-Nitroaniline	13.781	65	376107	20.734	ng/ul	98
47) Dimethylphthalate	14.128	163	1516410	19.483	ng/ul	100
48) 2,6-Dinitrotoluene	14.275	165	305678	20.043	ng/ul	98
50) Acenaphthylene	14.398	152	1968272	19.794	ng/ul	99
51) 3-Nitroaniline	14.610	138	324579	20.439	ng/ul	100
52) Acenaphthene	14.734	153	1288063	19.580	ng/ul	99
53) 2,4-Dinitrophenol	14.810	184	226651	20.452	ng/ul	97
55) 4-Nitrophenol	14.898	109	238120	19.850	ng/ul	98
56) Dibenzofuran	15.069	168	1771043	19.621	ng/ul	98
57) 2,4-Dinitrotoluene	15.057	165	455606	20.296	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.287	232	354397	19.835	ng/ul	100
59) Diethylphthalate	15.487	149	1557792	19.702	ng/ul	99
61) Fluorene	15.722	166	1486988	19.695	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.710	204	715982	19.315	ng/ul	97
63) 4-Nitroaniline	15.781	138	322997	21.374	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.810	198	263731	18.028	ng/ul	100
67) N-Nitrosodiphenylamine	15.939	169	1246304	19.777	ng/ul	99
68) 4-Bromophenyl-phenylether	16.616	248	410998	18.814	ng/ul	95
69) Hexachlorobenzene	16.698	284	451972	18.479	ng/ul	95
70) Atrazine	16.892	200	466492	19.635	ng/ul	100
71) Pentachlorophenol	17.063	266	358951	19.770	ng/ul	98
72) Phenanthrene	17.481	178	2351602	19.605	ng/ul	100
74) Anthracene	17.575	178	2412826	19.894	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.457	216	582285	19.086	ng/ul	99
76) Pentachlorobenzene	14.963	250	518628	19.022	ng/ul	98
77) Carbazole	17.857	167	2205833	20.194	ng/ul	100
78) Di-n-butylphthalate	18.369	149	2771554	20.337	ng/ul	100
80) Fluoranthene	19.445	202	2772083	19.898	ng/ul	100
82) Pyrene	19.804	202	2887124	20.062	ng/ul	100
83) Butylbenzylphthalate	20.663	149	1306852	21.057	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.463	252	841607	18.646	ng/ul	99
85) Benzo(a)anthracene	21.521	228	2856956	19.642	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.398	149	1942059	21.430	ng/ul	100
87) Chrysene	21.580	228	2590611	19.607	ng/ul	100
89) Di-n-octyl phthalate	22.374	149	3339182	20.965	ng/ul	100
90) Benzo(b)fluoranthene	23.304	252	2589688	19.175	ng/ul	99
91) Benzo(k)fluoranthene	23.357	252	2549671	19.089	ng/ul	99
93) Benzo(a)pyrene	23.992	252	2360558	19.323	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.833	276	2574672	20.625	ng/ul	99
95) Dibenzo(a,h)anthracene	26.857	278	2139067	20.631	ng/ul	99
96) Benzo(g,h,i)perylene	27.686	276	1997174	21.103	ng/ul	99

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

