

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111023\
 Data File : BP018095.D
 Acq On : 12 Nov 2023 09:18
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020669

Quant Time: Nov 12 15:38:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 10 21:55:18 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/13/2023
 Supervised By :mohammad ahmed 11/15/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	95895	20.000	ng/u1	0.00
20) Naphthalene-d8	10.663	136	390027	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.522	164	237776	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.298	188	495031	20.000	ng/u1	-0.01
79) Chrysene-d12	21.427	240	476358	20.000	ng/u1	0.00
88) Perylene-d12	23.927	264	547456	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	22342	8.219	ng/uL	0.00
4) Pyridine-d5	3.664	84	145757	20.564	ng/u1	0.00
7) Phenol-d5	7.016	99	189300	20.447	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.193	67	115902	21.303	ng/u1	0.00
11) 2-Chlorophenol-d4	7.369	132	151471	20.661	ng/u1	0.00
15) 4-Methylphenol-d8	8.575	113	150527	19.842	ng/u1	0.00
21) Nitrobenzene-d5	9.052	128	73569	20.936	ng/u1	0.00
24) 2-Nitrophenol-d4	9.763	143	85707	21.529	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.293	165	150236	21.174	ng/u1	0.00
31) 4-Chloroaniline-d4	10.846	131	195963	20.140	ng/u1	0.00
46) Dimethylphthalate-d6	13.940	166	431779	19.681	ng/u1	-0.01
49) Acenaphthylene-d8	14.222	160	492593	20.614	ng/u1	0.00
54) 4-Nitrophenol-d4	14.781	143	55873	17.043	ng/u1	0.00
60) Fluorene-d10	15.522	176	360951	19.928	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.681	200	64447	18.008	ng/u1	0.00
73) Anthracene-d10	17.404	188	552765	20.646	ng/u1	0.00
81) Pyrene-d10	19.651	212	637138	20.024	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.763	264	671318	21.089	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.264	88	23184	7.816	ng/uL	99
5) Pyridine	3.681	79	152107	20.793	ng/u1	96
6) Benzaldehyde	7.016	77	123780	24.826	ng/u1	97
8) Phenol	7.040	94	184870	20.242	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.293	93	149279	21.069	ng/u1	98
12) 2-Chlorophenol	7.399	128	151632	20.600	ng/u1	99
13) 2-Methylphenol	8.299	108	140443	20.352	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.358	45	174527m	21.572	ng/u1	
16) Acetophenone	8.705	105	242084	20.075	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.669	70	127844	19.418	ng/u1	95
18) 4-Methylphenol	8.634	108	151330	20.109	ng/u1	96
19) Hexachloroethane	8.893	117	71929	20.423	ng/u1	92
22) Nitrobenzene	9.099	77	202971	21.392	ng/u1	95
23) Isophorone	9.605	82	345268	19.942	ng/u1	99
25) 2-Nitrophenol	9.799	139	87864	21.478	ng/u1	98
26) 2,4-Dimethylphenol	9.840	107	181621	20.871	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.093	93	200111	21.195	ng/u1	97
29) 2,4-Dichlorophenol	10.316	162	145286	21.443	ng/u1	99
30) Naphthalene	10.716	128	493222	20.794	ng/u1	99
32) 4-Chloroaniline	10.869	127	189397	20.321	ng/u1	98
33) Hexachlorobutadiene	10.934	225	106379	21.387	ng/u1	97
34) Caprolactam	11.704	113	40330m	17.918	ng/u1	
35) 4-Chloro-3-methylphenol	11.981	107	162876	19.981	ng/u1	95
36) 2-Methylnaphthalene	12.328	142	330926	20.322	ng/u1	98

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37) 1-Methylnaphthalene	12.551	142	336601	20.115	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.681	216	178853	22.266	ng/ul	96
40) Hexachlorocyclopentadiene	12.616	237	70874	18.279	ng/ul	100
41) 2,4,6-Trichlorophenol	12.951	196	115092	21.842	ng/ul	98
42) 2,4,5-Trichlorophenol	13.028	196	121186	21.853	ng/ul	98
43) 1,1'-Biphenyl	13.351	154	435952	21.562	ng/ul	99
44) 2-Chloronaphthalene	13.398	162	343976	21.428	ng/ul	97
45) 2-Nitroaniline	13.651	65	111892	21.600	ng/ul	96
47) Dimethylphthalate	13.993	163	429086	19.938	ng/ul	99
48) 2,6-Dinitrotoluene	14.145	165	85531	19.995	ng/ul	99
50) Acenaphthylene	14.251	152	564759	20.934	ng/ul	99
51) 3-Nitroaniline	14.492	138	83278	20.980	ng/ul	94
52) Acenaphthene	14.587	153	368862	20.619	ng/ul	98
53) 2,4-Dinitrophenol	14.710	184	25739	11.030	ng/ul	98
55) 4-Nitrophenol	14.798	109	81763	18.789	ng/ul	92
56) Dibenzofuran	14.928	168	505786	20.631	ng/ul	97
57) 2,4-Dinitrotoluene	14.940	165	124128	19.422	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.151	232	102095	20.695	ng/ul	97
59) Diethylphthalate	15.345	149	435871	19.386	ng/ul	99
61) Fluorene	15.581	166	412189	19.804	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.569	204	213000	20.883	ng/ul	99
63) 4-Nitroaniline	15.669	138	84718	22.618	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.692	198	66515	17.912	ng/ul	96
67) N-Nitrosodiphenylamine	15.804	169	336437	21.192	ng/ul	98
68) 4-Bromophenyl-phenylether	16.475	248	119715	21.457	ng/ul	92
69) Hexachlorobenzene	16.557	284	132689	21.313	ng/ul	96
70) Atrazine	16.763	200	117258	21.173	ng/ul	98
71) Pentachlorophenol	16.934	266	78836	20.861	ng/ul	99
72) Phenanthrene	17.345	178	630938	20.758	ng/ul	99
74) Anthracene	17.439	178	648487	20.907	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.298	216	177068	23.423	ng/uL	98
76) Pentachlorobenzene	14.816	250	165882	22.415	ng/uL	96
77) Carbazole	17.733	167	574408	21.325	ng/ul	99
78) Di-n-butylphthalate	18.239	149	704998	20.628	ng/ul	99
80) Fluoranthene	19.322	202	741080	19.943	ng/ul	99
82) Pyrene	19.680	202	777525	19.968	ng/ul	99
83) Butylbenzylphthalate	20.551	149	334466	20.425	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.357	252	247507	21.747	ng/ul	96
85) Benzo(a)anthracene	21.410	228	805134	20.932	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.286	149	466847	20.677	ng/ul	99
87) Chrysene	21.469	228	752404	20.908	ng/ul	99
89) Di-n-octyl phthalate	22.251	149	824729	20.144	ng/ul	100
90) Benzo(b)fluoranthene	23.151	252	797219	20.462	ng/ul	98
91) Benzo(k)fluoranthene	23.204	252	821483	20.957	ng/ul	99
93) Benzo(a)pyrene	23.816	252	772419	20.993	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.592	276	928370	21.038	ng/ul	99
95) Dibenzo(a,h)anthracene	26.610	278	771960	21.245	ng/ul	99
96) Benzo(g,h,i)perylene	27.415	276	734224	20.802	ng/ul	97

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

