

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020623\
 Data File : BP013777.D
 Acq On : 06 Feb 2023 18:07
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020757

Quant Time: Feb 06 23:56:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020123.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 03 23:44:43 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2023
 Supervised By :mohammad ahmed 02/07/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.128	152	244277	20.000	ng/u1	0.00
20) Naphthalene-d8	10.957	136	1046126	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.763	164	753346	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.516	188	1855850	20.000	ng/u1	0.00
79) Chrysene-d12	21.592	240	2066852	20.000	ng/u1	0.00
88) Perylene-d12	24.157	264	2160490	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.475	96	46415	8.056	ng/uL	0.00
4) Pyridine-d5	3.905	84	338434	20.472	ng/u1	0.00
7) Phenol-d5	7.269	99	429489	20.005	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.446	67	262223	20.825	ng/u1	0.00
11) 2-Chlorophenol-d4	7.652	132	316036	20.081	ng/u1	0.00
15) 4-Methylphenol-d8	8.834	113	340989	19.923	ng/u1	0.00
21) Nitrobenzene-d5	9.299	128	149282	22.369	ng/u1	0.00
24) 2-Nitrophenol-d4	10.028	143	172914	22.233	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.569	165	383730	21.099	ng/u1	0.00
31) 4-Chloroaniline-d4	11.087	131	498670	20.760	ng/u1	0.00
46) Dimethylphthalate-d6	14.163	166	1193756	20.102	ng/u1	0.00
49) Acenaphthylene-d8	14.457	160	1336099	20.364	ng/u1	0.00
54) 4-Nitrophenol-d4	14.945	143	179359	17.919	ng/u1	0.00
60) Fluorene-d10	15.751	176	1065510	20.817	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.863	200	152757	14.688	ng/u1	0.00
73) Anthracene-d10	17.616	188	1793654	20.734	ng/u1	0.00
81) Pyrene-d10	19.833	212	2321875	20.142	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.986	264	2278691	20.661	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.511	88	50316	8.380	ng/uL	96
5) Pyridine	3.928	79	333763	20.051	ng/u1	98
6) Benzaldehyde	7.258	77	189890m	22.059	ng/u1	
8) Phenol	7.299	94	452853	20.611	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.540	93	360997	20.447	ng/u1	98
12) 2-Chlorophenol	7.687	128	327498	20.540	ng/u1	98
13) 2-Methylphenol	8.563	108	332590	19.826	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.658	45	421244	20.152	ng/u1	97
16) Acetophenone	8.958	105	560126	20.993	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.940	70	269367	20.154	ng/u1	99
18) 4-Methylphenol	8.893	108	374587	20.560	ng/u1	99
19) Hexachloroethane	9.222	117	128700	20.622	ng/u1	93
22) Nitrobenzene	9.340	77	394240	21.872	ng/u1	100
23) Isophorone	9.869	82	791365	19.177	ng/u1	99
25) 2-Nitrophenol	10.057	139	189289	21.997	ng/u1	97
26) 2,4-Dimethylphenol	10.110	107	404096	20.784	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.352	93	507327	20.286	ng/u1	100
29) 2,4-Dichlorophenol	10.593	162	375268	21.321	ng/u1	99
30) Naphthalene	11.004	128	1147813	20.760	ng/u1	98
32) 4-Chloroaniline	11.110	127	509092	21.059	ng/u1	99
33) Hexachlorobutadiene	11.287	225	270900	21.823	ng/u1	98
34) Caprolactam	11.887	113	113233	19.027	ng/u1	98
35) 4-Chloro-3-methylphenol	12.216	107	383937	20.366	ng/u1	97
36) 2-Methylnaphthalene	12.599	142	815152	20.712	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.816	142	835955	21.031	ng/u1	99
39) 1,2,4,5-Tetrachloroben...	12.963	216	549800	22.094	ng/u1	99
40) Hexachlorocyclopentadiene	12.946	237	251162	17.951	ng/u1	98
41) 2,4,6-Trichlorophenol	13.198	196	346066	20.993	ng/u1	98
42) 2,4,5-Trichlorophenol	13.269	196	376064	20.933	ng/u1	99
43) 1,1'-Biphenyl	13.598	154	1163551	20.399	ng/u1	99
44) 2-Chloronaphthalene	13.646	162	929778	20.604	ng/u1	100
45) 2-Nitroaniline	13.845	65	199785	23.258	ng/u1	99
47) Dimethylphthalate	14.210	163	1174212	20.071	ng/u1	100
48) 2,6-Dinitrotoluene	14.334	165	202427	24.279	ng/u1	97
50) Acenaphthylene	14.487	152	1432036	20.699	ng/u1	99
51) 3-Nitroaniline	14.663	138	177193	20.107	ng/u1	99
52) Acenaphthene	14.828	153	984715	20.712	ng/u1	99
53) 2,4-Dinitrophenol	14.869	184	81319	12.557	ng/u1	96
55) 4-Nitrophenol	14.957	109	135168	17.715	ng/u1	93
56) Dibenzofuran	15.157	168	1394158	20.188	ng/u1	99
57) 2,4-Dinitrotoluene	15.116	165	298874	22.823	ng/u1	100
58) 2,3,4,6-Tetrachlorophenol	15.381	232	350596	20.764	ng/u1	97
59) Diethylphthalate	15.569	149	1119820	19.938	ng/u1	99
61) Fluorene	15.810	166	1186074	21.104	ng/u1	100
62) 4-Chlorophenyl-phenyle...	15.798	204	658640	21.511	ng/u1	96
63) 4-Nitroaniline	15.822	138	170283	20.636	ng/u1	97
66) 4,6-Dinitro-2-methylph...	15.881	198	155178	14.993	ng/u1	96
67) N-Nitrosodiphenylamine	16.010	169	1031499	20.592	ng/u1	99
68) 4-Bromophenyl-phenylether	16.698	248	432597	20.488	ng/u1	97
69) Hexachlorobenzene	16.816	284	518276	20.922	ng/u1	97
70) Atrazine	16.963	200	407105	20.193	ng/u1	99
71) Pentachlorophenol	17.157	266	291065	18.409	ng/u1	98
72) Phenanthrene	17.557	178	2039685	20.807	ng/u1	99
74) Anthracene	17.651	178	2065758	20.805	ng/u1	99
75) 1,2,3,4-Tetrachloroben...	13.563	216	541316	20.474	ng/uL	99
76) Pentachlorobenzene	15.081	250	555794	20.505	ng/uL	99
77) Carbazole	17.910	167	1833005	21.280	ng/u1	99
78) Di-n-butylphthalate	18.445	149	1939406	19.056	ng/u1	99
80) Fluoranthene	19.504	202	2640638	19.653	ng/u1	98
82) Pyrene	19.857	202	2799759	20.381	ng/u1	98
83) Butylbenzylphthalate	20.716	149	798277	20.226	ng/u1	99
84) 3,3'-Dichlorobenzidine	21.498	252	904368	19.265	ng/u1	100
85) Benzo(a)anthracene	21.575	228	2947659	20.745	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.475	149	1271116	18.785	ng/u1	99
87) Chrysene	21.633	228	2801135	20.939	ng/u1	99
89) Di-n-octyl phthalate	22.451	149	2179864	19.154	ng/u1	100
90) Benzo(b)fluoranthene	23.369	252	2954397	20.948	ng/u1	100
91) Benzo(k)fluoranthene	23.421	252	2958307	21.947	ng/u1	99
93) Benzo(a)pyrene	24.045	252	2529346	20.773	ng/u1	100
94) Indeno(1,2,3-cd)pyrene	26.862	276	2915257	19.325	ng/u1	99
95) Dibenzo(a,h)anthracene	26.880	278	2414396	19.306	ng/u1	100
96) Benzo(g,h,i)perylene	27.692	276	2318783	19.430	ng/u1	100

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

