

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051122\
 Data File : BM035004.D
 Acq On : 12 May 2022 03:10
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020123

Quant Time: May 12 05:25:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM051022.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 10 16:40:09 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/12/2022
 Supervised By :Yogesh Patel 05/17/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	234131	20.000	ng/u1	0.00
20) Naphthalene-d8	10.722	136	927965	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.551	164	518371	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.292	188	951070	20.000	ng/u1	0.00
79) Chrysene-d12	21.468	240	852988	20.000	ng/u1	0.00
88) Perylene-d12	23.850	264	925286	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.363	96	49490	8.843	ng/uL	0.00
4) Pyridine-d5	3.775	84	319394	20.705	ng/u1	0.00
7) Phenol-d5	7.081	99	429818	21.221	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.251	67	260023	20.453	ng/u1	0.00
11) 2-Chlorophenol-d4	7.451	132	363444	22.834	ng/u1	0.00
15) 4-Methylphenol-d8	8.628	113	342423	20.736	ng/u1	0.00
21) Nitrobenzene-d5	9.075	128	169601	23.846	ng/u1	0.00
24) 2-Nitrophenol-d4	9.798	143	188013	24.509	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.339	165	338369	23.569	ng/u1	0.00
31) 4-Chloroaniline-d4	10.857	131	429701	21.021	ng/u1	0.00
46) Dimethylphthalate-d6	13.963	166	840889	21.509	ng/u1	0.00
49) Acenaphthylene-d8	14.245	160	1156658	23.317	ng/u1	0.00
54) 4-Nitrophenol-d4	14.739	143	149886	22.439	ng/u1	0.00
60) Fluorene-d10	15.545	176	710154	21.532	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.657	200	124220	20.727	ng/u1	0.00
73) Anthracene-d10	17.392	188	1021931	22.085	ng/u1	0.00
81) Pyrene-d10	19.680	212	1071656	20.120	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.697	264	1108008	22.912	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.399	88	47668	8.554	ng/uL	93
5) Pyridine	3.799	79	333946	20.512	ng/u1	99
6) Benzaldehyde	7.057	77	280990	24.857	ng/u1	100
8) Phenol	7.110	94	424128	21.036	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.340	93	330907	20.735	ng/u1	98
12) 2-Chlorophenol	7.481	128	361743	22.285	ng/u1	97
13) 2-Methylphenol	8.363	108	324721	21.248	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.451	45	502168	19.247	ng/u1	99
16) Acetophenone	8.739	105	515165	20.098	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.734	70	269873	19.740	ng/u1	96
18) 4-Methylphenol	8.692	108	342817	20.533	ng/u1	100
19) Hexachloroethane	9.004	117	154091	22.378	ng/u1	96
22) Nitrobenzene	9.122	77	390742	22.140	ng/u1	99
23) Isophorone	9.651	82	701216	21.624	ng/u1	99
25) 2-Nitrophenol	9.833	139	198185	24.044	ng/u1	95
26) 2,4-Dimethylphenol	9.898	107	387262	22.465	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.133	93	422493	21.018	ng/u1	99
29) 2,4-Dichlorophenol	10.369	162	325607	23.313	ng/u1	97
30) Naphthalene	10.775	128	1073351	22.016	ng/u1	99
32) 4-Chloroaniline	10.880	127	430095	21.024	ng/u1	98
33) Hexachlorobutadiene	11.069	225	217376	23.746	ng/u1	99
34) Caprolactam	11.639	113	88831	21.270	ng/u1	96
35) 4-Chloro-3-methylphenol	12.004	107	324146	21.589	ng/u1	100
36) 2-Methylnaphthalene	12.380	142	717112	21.275	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.598	142	716806	21.030	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.751	216	364377	23.900	ng/ul	97
40) Hexachlorocyclopentadiene	12.733	237	224332	21.216	ng/ul	99
41) 2,4,6-Trichlorophenol	12.986	196	237578	24.477	ng/ul	96
42) 2,4,5-Trichlorophenol	13.057	196	248884	23.936	ng/ul	98
43) 1,1'-Biphenyl	13.392	154	928372	22.543	ng/ul	100
44) 2-Chloronaphthalene	13.427	162	712845	22.729	ng/ul	97
45) 2-Nitroaniline	13.627	65	207206	23.272	ng/ul	96
47) Dimethylphthalate	14.010	163	832521	21.554	ng/ul	99
48) 2,6-Dinitrotoluene	14.127	165	170554	23.248	ng/ul	96
50) Acenaphthylene	14.274	152	1128953	22.653	ng/ul	98
51) 3-Nitroaniline	14.451	138	135689	20.199	ng/ul#	95
52) Acenaphthene	14.616	153	732874	22.002	ng/ul	99
53) 2,4-Dinitrophenol	14.657	184	87060	20.343	ng/ul	96
55) 4-Nitrophenol	14.757	109	131027	22.307	ng/ul	95
56) Dibenzofuran	14.951	168	1000566	21.811	ng/ul	96
57) 2,4-Dinitrotoluene	14.910	165	236080	22.814	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.174	232	188244	23.090	ng/ul	99
59) Diethylphthalate	15.374	149	816491	20.638	ng/ul	99
61) Fluorene	15.598	166	809523	21.571	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.592	204	394088	21.619	ng/ul	96
63) 4-Nitroaniline	15.610	138	124638m	20.846	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.674	198	121881	20.539	ng/ul#	99
67) N-Nitrosodiphenylamine	15.804	169	666872	21.779	ng/ul	100
68) 4-Bromophenyl-phenylether	16.486	248	218303	22.073	ng/ul	96
69) Hexachlorobenzene	16.604	284	247862	22.149	ng/ul	97
70) Atrazine	16.757	200	226471	20.808	ng/ul	98
71) Pentachlorophenol	16.945	266	150009	21.596	ng/ul	96
72) Phenanthrene	17.333	178	1173662	21.940	ng/ul	99
74) Anthracene	17.427	178	1184133	21.885	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.357	216	366107	24.056	ng/ul	97
76) Pentachlorobenzene	14.874	250	317663	22.787	ng/ul	99
77) Carbazole	17.692	167	1058371	22.250	ng/ul	99
78) Di-n-butylphthalate	18.262	149	1222108	20.718	ng/ul	99
80) Fluoranthene	19.345	202	1269529	19.827	ng/ul	97
82) Pyrene	19.709	202	1291418	19.750	ng/ul	100
83) Butylbenzylphthalate	20.609	149	534494	20.434	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.386	252	359613	22.342	ng/ul	99
85) Benzo(a)anthracene	21.450	228	1250357	22.562	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.386	149	749629	19.341	ng/ul	100
87) Chrysene	21.503	228	1188848	22.029	ng/ul	99
89) Di-n-octyl phthalate	22.309	149	1289166	16.736	ng/ul	100
90) Benzo(b)fluoranthene	23.127	252	1339613	21.554	ng/ul	99
91) Benzo(k)fluoranthene	23.174	252	1262751	21.336	ng/ul	100
93) Benzo(a)pyrene	23.744	252	1334926	22.530	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	26.326	276	1614465	23.819	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.338	278	1353699	23.295	ng/ul#	96
96) Benzo(g,h,i)perylene	27.079	276	1349966	23.977	ng/ul#	95

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

