

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020122\
 Data File : BM033964.D
 Acq On : 02 Feb 2022 06:58
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020089

Quant Time: Feb 02 12:58:24 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM013122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 01 02:16:28 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2022
 Supervised By :Yogesh Patel 02/04/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.925	152	141138	20.000	ng/u1	0.00
20) Naphthalene-d8	10.736	136	645730	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.566	164	431462	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.301	188	847218	20.000	ng/u1	0.00
79) Chrysene-d12	21.465	240	630969	20.000	ng/u1	0.00
88) Perylene-d12	23.853	264	585716	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.290	96	27371	7.648	ng/uL	0.00
4) Pyridine-d5	3.713	84	202085	20.231	ng/u1	0.00
7) Phenol-d5	7.084	99	248008	20.975	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.248	67	156317	21.685	ng/u1	0.00
11) 2-Chlorophenol-d4	7.454	132	205763	21.721	ng/u1	0.00
15) 4-Methylphenol-d8	8.637	113	212748	22.707	ng/u1	0.00
21) Nitrobenzene-d5	9.090	128	106578	20.570	ng/u1	0.00
24) 2-Nitrophenol-d4	9.813	143	118504	21.179	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.354	165	211893	20.927	ng/u1	0.00
31) 4-Chloroaniline-d4	10.872	131	298580	21.354	ng/u1	0.00
46) Dimethylphthalate-d6	13.972	166	670261	20.789	ng/u1	0.00
49) Acenaphthylene-d8	14.254	160	815427	20.646	ng/u1	0.00
54) 4-Nitrophenol-d4	14.754	143	108063	19.618	ng/u1	0.00
60) Fluorene-d10	15.548	176	553758	20.569	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.666	200	103686	19.494	ng/u1	0.00
73) Anthracene-d10	17.395	188	819502	20.198	ng/u1	0.00
81) Pyrene-d10	19.683	212	817395	21.943	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.694	264	635144	20.646	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.325	88	29763	7.621	ng/uL#	84
5) Pyridine	3.737	79	206927	20.070	ng/u1	84
6) Benzaldehyde	7.054	77	170758	23.918	ng/u1	86
8) Phenol	7.107	94	256585	21.161	ng/u1	86
10) Bis(2-Chloroethyl)ether	7.343	93	209480	21.872	ng/u1	92
12) 2-Chlorophenol	7.484	128	210463	21.205	ng/u1	89
13) 2-Methylphenol	8.372	108	202571	22.119	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.460	45	290344	22.520	ng/u1#	95
16) Acetophenone	8.748	105	347018	23.330	ng/u1#	87
17) N-Nitroso-di-n-propyla...	8.742	70	180237	23.868	ng/u1#	87
18) 4-Methylphenol	8.701	108	224063	22.932	ng/u1	99
19) Hexachloroethane	9.013	117	91468	21.240	ng/u1#	88
22) Nitrobenzene	9.131	77	257223	20.053	ng/u1#	89
23) Isophorone	9.660	82	507262	22.035	ng/u1	97
25) 2-Nitrophenol	9.848	139	126493	21.071	ng/u1#	81
26) 2,4-Dimethylphenol	9.907	107	274755	20.981	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.142	93	300816	21.019	ng/u1	99
29) 2,4-Dichlorophenol	10.384	162	211787	20.935	ng/u1	98
30) Naphthalene	10.789	128	725198	20.303	ng/u1	99
32) 4-Chloroaniline	10.895	127	302981	21.341	ng/u1	100
33) Hexachlorobutadiene	11.084	225	148746	19.870	ng/u1	96
34) Caprolactam	11.666	113	66806	23.204	ng/u1#	77
35) 4-Chloro-3-methylphenol	12.019	107	255024	21.999	ng/u1	88
36) 2-Methylnaphthalene	12.395	142	497353	21.135	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.613	142	516655	21.418	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.766	216	266077	19.390	ng/ul	98
40) Hexachlorocyclopentadiene	12.748	237	185273	18.302	ng/ul	98
41) 2,4,6-Trichlorophenol	13.001	196	172962	20.241	ng/ul	96
42) 2,4,5-Trichlorophenol	13.072	196	187800	20.718	ng/ul	93
43) 1,1'-Biphenyl	13.401	154	686962	19.862	ng/ul	99
44) 2-Chloronaphthalene	13.442	162	517064	19.828	ng/ul	98
45) 2-Nitroaniline	13.642	65	167011m	21.763	ng/ul	
47) Dimethylphthalate	14.019	163	675292	20.853	ng/ul	100
48) 2,6-Dinitrotoluene	14.136	165	133911	21.666	ng/ul	93
50) Acenaphthylene	14.283	152	854479	20.291	ng/ul	99
51) 3-Nitroaniline	14.460	138	134128	21.982	ng/ul	88
52) Acenaphthene	14.624	153	556120	20.172	ng/ul	97
53) 2,4-Dinitrophenol	14.666	184	69904	18.534	ng/ul	89
55) 4-Nitrophenol	14.766	109	104922	19.731	ng/ul	88
56) Dibenzofuran	14.960	168	793654	20.456	ng/ul	99
57) 2,4-Dinitrotoluene	14.919	165	192216	21.796	ng/ul#	80
58) 2,3,4,6-Tetrachlorophenol	15.183	232	157416	21.107	ng/ul	99
59) Diethylphthalate	15.377	149	690943	20.949	ng/ul	99
61) Fluorene	15.607	166	641829	20.671	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.601	204	328418	20.707	ng/ul	97
63) 4-Nitroaniline	15.619	138	134066	22.777	ng/ul	86
66) 4,6-Dinitro-2-methylph...	15.683	198	103050	19.391	ng/ul#	91
67) N-Nitrosodiphenylamine	15.813	169	541653	20.602	ng/ul	99
68) 4-Bromophenyl-phenylether	16.489	248	190299	20.788	ng/ul	98
69) Hexachlorobenzene	16.613	284	216309	20.666	ng/ul	95
70) Atrazine	16.760	200	199749	20.192	ng/ul	99
71) Pentachlorophenol	16.948	266	128733	19.176	ng/ul	95
72) Phenanthrene	17.342	178	951035	19.963	ng/ul	99
74) Anthracene	17.430	178	969759	20.255	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.366	216	288785	19.504	ng/uL	97
76) Pentachlorobenzene	14.883	250	268431	20.336	ng/uL	98
77) Carbazole	17.695	167	821652	19.388	ng/ul	99
78) Di-n-butylphthalate	18.265	149	1060543	20.125	ng/ul	99
80) Fluoranthene	19.348	202	987695	22.151	ng/ul	100
82) Pyrene	19.712	202	995229	21.838	ng/ul	99
83) Butylbenzylphthalate	20.601	149	392022	21.111	ng/ul	90
84) 3,3'-Dichlorobenzidine	21.377	252	279100	22.228	ng/ul	97
85) Benzo(a)anthracene	21.448	228	831430	20.340	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.377	149	561988	20.753	ng/ul	100
87) Chrysene	21.500	228	805421	20.163	ng/ul	98
89) Di-n-octyl phthalate	22.295	149	893884	21.076	ng/ul	100
90) Benzo(b)fluoranthene	23.124	252	817715	20.552	ng/ul	99
91) Benzo(k)fluoranthene	23.171	252	737287	20.184	ng/ul	99
93) Benzo(a)pyrene	23.747	252	769856	20.463	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.341	276	879958	20.235	ng/ul	97
95) Dibenzo(a,h)anthracene	26.359	278	764949	20.323	ng/ul	97
96) Benzo(g,h,i)perylene	27.106	276	735358	20.111	ng/ul	99

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

