

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041122\
 Data File : BM034615.D
 Acq On : 11 Apr 2022 18:53
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020110

Quant Time: Apr 12 04:24:46 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040922.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 08 14:30:08 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 04/13/2022
 Supervised By :Yogesh Patel 04/14/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.878	152	104090	20.000	ng/u1	0.00
20) Naphthalene-d8	10.689	136	432563	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.524	164	256677	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.265	188	511197	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.442	240	520938	20.000	ng/u1	# 0.00
88) Perylene-d12	23.824	264	541544	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.255	96	23224	7.956	ng/uL	0.00
4) Pyridine-d5	3.684	84	132332	18.785	ng/u1	0.00
7) Phenol-d5	7.037	99	166584	19.228	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.201	67	115908	20.077	ng/u1	0.00
11) 2-Chlorophenol-d4	7.407	132	135732	20.267	ng/u1	0.00
15) 4-Methylphenol-d8	8.589	113	128688	19.016	ng/u1	0.00
21) Nitrobenzene-d5	9.042	128	64446m	20.272	ng/u1	0.00
24) 2-Nitrophenol-d4	9.766	143	64460	19.475	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.307	165	126185	20.247	ng/u1	0.00
31) 4-Chloroaniline-d4	10.825	131	153740	17.880	ng/u1	0.00
46) Dimethylphthalate-d6	13.936	166	363901	19.621	ng/u1	0.00
49) Acenaphthylene-d8	14.219	160	472894	19.838	ng/u1	0.00
54) 4-Nitrophenol-d4	14.724	143	46642	16.493	ng/u1	0.00
60) Fluorene-d10	15.513	176	315951	19.713	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.636	200	53217	17.053	ng/u1	0.00
73) Anthracene-d10	17.365	188	481541	19.758	ng/u1	0.00
81) Pyrene-d10	19.653	212	566158	19.912	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.671	264	546013	20.044	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.290	88	23774	8.089	ng/uL	89
5) Pyridine	3.702	79	153062	19.885	ng/u1#	76
6) Benzaldehyde	7.013	77	115564	21.758	ng/u1	92
8) Phenol	7.066	94	167515	19.140	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.295	93	139180	19.705	ng/u1#	85
12) 2-Chlorophenol	7.442	128	139937	20.498	ng/u1#	88
13) 2-Methylphenol	8.325	108	123349	19.065	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.419	45	213625	20.228	ng/u1#	86
16) Acetophenone	8.707	105	206454	19.544	ng/u1#	88
17) N-Nitroso-di-n-propyla...	8.689	70	113188	20.131	ng/u1#	85
18) 4-Methylphenol	8.654	108	133116	19.340	ng/u1	98
19) Hexachloroethane	8.966	117	61510	20.032	ng/u1	88
22) Nitrobenzene	9.084	77	165467	19.854	ng/u1	91
23) Isophorone	9.613	82	295281	19.952	ng/u1#	92
25) 2-Nitrophenol	9.801	139	71343	20.124	ng/u1#	87
26) 2,4-Dimethylphenol	9.860	107	154936	19.690	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.101	93	178714	20.070	ng/u1	99
29) 2,4-Dichlorophenol	10.336	162	119915	19.495	ng/u1	93
30) Naphthalene	10.736	128	441435	19.603	ng/u1	99
32) 4-Chloroaniline	10.848	127	157503	18.284	ng/u1	99
33) Hexachlorobutadiene	11.031	225	84320	19.498	ng/u1	99
34) Caprolactam	11.607	113	37451m	18.742	ng/u1	
35) 4-Chloro-3-methylphenol	11.977	107	128054	20.054	ng/u1	91
36) 2-Methylnaphthalene	12.354	142	285580	19.787	ng/u1	98

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37) 1-Methylnaphthalene	12.572	142	293457	19.819	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.725	216	149653	19.479	ng/ul#	97
40) Hexachlorocyclopentadiene	12.707	237	89248	17.702	ng/ul	95
41) 2,4,6-Trichlorophenol	12.960	196	90877	19.472	ng/ul	96
42) 2,4,5-Trichlorophenol	13.036	196	98745	20.417	ng/ul	98
43) 1,1'-Biphenyl	13.360	154	379189	19.502	ng/ul#	97
44) 2-Chloronaphthalene	13.401	162	294618	19.737	ng/ul	96
45) 2-Nitroaniline	13.607	65	80671m	19.819	ng/ul	
47) Dimethylphthalate	13.983	163	362988	19.888	ng/ul	100
48) 2,6-Dinitrotoluene	14.101	165	70349	20.063	ng/ul#	87
50) Acenaphthylene	14.248	152	479740	19.824	ng/ul	99
51) 3-Nitroaniline	14.430	138	58692	19.145	ng/ul	82
52) Acenaphthene	14.589	153	315615	19.589	ng/ul	99
53) 2,4-Dinitrophenol	14.642	184	28179	14.260	ng/ul#	86
55) 4-Nitrophenol	14.736	109	40872	16.924	ng/ul#	81
56) Dibenzofuran	14.924	168	436956	19.954	ng/ul	96
57) 2,4-Dinitrotoluene	14.889	165	97154	19.907	ng/ul#	77
58) 2,3,4,6-Tetrachlorophenol	15.148	232	86288	20.321	ng/ul#	89
59) Diethylphthalate	15.342	149	368461	19.875	ng/ul	98
61) Fluorene	15.571	166	359944	19.482	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.566	204	172514	19.344	ng/ul	92
63) 4-Nitroaniline	15.589	138	54044m	20.021	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.648	198	55169	17.730	ng/ul#	82
67) N-Nitrosodiphenylamine	15.777	169	305016	20.027	ng/ul	99
68) 4-Bromophenyl-phenylether	16.460	248	104303	19.738	ng/ul#	93
69) Hexachlorobenzene	16.577	284	125663	19.801	ng/ul#	91
70) Atrazine	16.730	200	109370	19.189	ng/ul	99
71) Pentachlorophenol	16.918	266	70773	18.212	ng/ul	97
72) Phenanthrene	17.307	178	563728	19.763	ng/ul	99
74) Anthracene	17.401	178	559923	19.809	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.324	216	154879	19.291	ng/ul	99
76) Pentachlorobenzene	14.848	250	145764	19.346	ng/ul	99
77) Carbazole	17.671	167	425822	18.211	ng/ul	100
78) Di-n-butylphthalate	18.236	149	599858	20.212	ng/ul	99
80) Fluoranthene	19.324	202	633865	20.145	ng/ul#	90
82) Pyrene	19.683	202	692789	20.257	ng/ul#	86
83) Butylbenzylphthalate	20.583	149	271732	20.295	ng/ul	87
84) 3,3'-Dichlorobenzidine	21.365	252	176647	19.348	ng/ul#	97
85) Benzo(a)anthracene	21.430	228	598463	19.757	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.359	149	403027	20.113	ng/ul#	97
87) Chrysene	21.477	228	647993	19.839	ng/ul	98
89) Di-n-octyl phthalate	22.277	149	689619	19.128	ng/ul	100
90) Benzo(b)fluoranthene	23.094	252	658647	20.468	ng/ul#	97
91) Benzo(k)fluoranthene	23.147	252	673071	19.918	ng/ul#	97
93) Benzo(a)pyrene	23.718	252	631847	19.867	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.300	276	682352	20.048	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.318	278	505632	18.122	ng/ul#	97
96) Benzo(g,h,i)perylene	27.059	276	635461	19.452	ng/ul#	93

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

