

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042023\
 Data File : BM039524.D
 Acq On : 20 Apr 2023 14:37
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020116

Quant Time: Apr 21 01:09:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 19 08:18:41 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/21/2023
 Supervised By :Jagrut Upadhyay 04/21/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.825	152	200374	20.000	ng/u1	0.00
20) Naphthalene-d8	10.631	136	936451	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.483	164	609278	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.230	188	1288553	20.000	ng/u1	0.00
79) Chrysene-d12	21.424	240	1015090	20.000	ng/u1	0.00
88) Perylene-d12	23.789	264	923478	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.213	96	47516	9.102	ng/uL	0.00
4) Pyridine-d5	3.637	84	310860	21.193	ng/u1	0.00
7) Phenol-d5	7.007	99	385224	21.005	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.160	67	253414	20.906	ng/u1	0.00
11) 2-Chlorophenol-d4	7.354	132	314035	21.829	ng/u1	0.00
15) 4-Methylphenol-d8	8.554	113	309711	20.965	ng/u1	0.00
21) Nitrobenzene-d5	8.995	128	162911	21.624	ng/u1	0.00
24) 2-Nitrophenol-d4	9.719	143	175639	20.762	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.266	165	318931	21.910	ng/u1	0.00
31) 4-Chloroaniline-d4	10.784	131	449643	20.682	ng/u1	0.00
46) Dimethylphthalate-d6	13.895	166	1026305	20.886	ng/u1	0.00
49) Acenaphthylene-d8	14.172	160	1160185	21.017	ng/u1	0.00
54) 4-Nitrophenol-d4	14.719	143	124328	16.718	ng/u1	0.00
60) Fluorene-d10	15.477	176	854955	21.237	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.613	200	154978	18.099	ng/u1	0.00
73) Anthracene-d10	17.330	188	1318679	21.280	ng/u1	0.00
81) Pyrene-d10	19.630	212	1467173	21.751	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.636	264	1054680	21.154	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.249	88	51339	8.987	ng/uL	97
5) Pyridine	3.655	79	337998	21.854	ng/u1	99
6) Benzaldehyde	6.966	77	199760	25.495	ng/u1	98
8) Phenol	7.031	94	406787	21.304	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.254	93	339770	21.343	ng/u1	99
12) 2-Chlorophenol	7.390	128	321191	22.188	ng/u1	99
13) 2-Methylphenol	8.284	108	308900	20.828	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.360	45	474381m	21.454	ng/u1	
16) Acetophenone	8.660	105	533853	22.001	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.642	70	283733	21.127	ng/u1	97
18) 4-Methylphenol	8.619	108	344494	21.515	ng/u1	98
19) Hexachloroethane	8.895	117	140769	21.411	ng/u1	97
22) Nitrobenzene	9.037	77	401165	21.565	ng/u1	96
23) Isophorone	9.566	82	814700	20.538	ng/u1	100
25) 2-Nitrophenol	9.748	139	190038	21.529	ng/u1	93
26) 2,4-Dimethylphenol	9.819	107	388613	21.544	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.048	93	483960	20.748	ng/u1	100
29) 2,4-Dichlorophenol	10.289	162	313492	21.863	ng/u1	98
30) Naphthalene	10.684	128	1119628	21.609	ng/u1	99
32) 4-Chloroaniline	10.807	127	448171	20.921	ng/u1	98
33) Hexachlorobutadiene	10.960	225	201862	21.365	ng/u1	98
34) Caprolactam	11.589	113	105189	19.699	ng/u1	97
35) 4-Chloro-3-methylphenol	11.948	107	364074	21.746	ng/u1	99
36) 2-Methylnaphthalene	12.301	142	737287	21.227	ng/u1	99

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37) 1-Methylnaphthalene	12.519	142	747706	21.421	ng/u1	99
39) 1,2,4,5-Tetrachloroben...	12.666	216	388045	21.218	ng/u1	99
40) Hexachlorocyclopentadiene	12.636	237	157112	14.419	ng/u1	99
41) 2,4,6-Trichlorophenol	12.919	196	256247	20.973	ng/u1	99
42) 2,4,5-Trichlorophenol	12.995	196	268733	21.163	ng/u1	98
43) 1,1'-Biphenyl	13.313	154	1007523	21.398	ng/u1	99
44) 2-Chloronaphthalene	13.354	162	785538	21.267	ng/u1	99
45) 2-Nitroaniline	13.577	65	217216	20.379	ng/u1	98
47) Dimethylphthalate	13.942	163	1020839	20.983	ng/u1	100
48) 2,6-Dinitrotoluene	14.072	165	205502	20.886	ng/u1	99
50) Acenaphthylene	14.201	152	1271910	21.540	ng/u1	100
51) 3-Nitroaniline	14.407	138	180447	19.566	ng/u1	99
52) Acenaphthene	14.542	153	866712	21.319	ng/u1	100
53) 2,4-Dinitrophenol	14.624	184	67781	12.941	ng/u1	99
55) 4-Nitrophenol	14.730	109	100417	17.777	ng/u1	96
56) Dibenzofuran	14.883	168	1199219	21.702	ng/u1	100
57) 2,4-Dinitrotoluene	14.860	165	292700	21.409	ng/u1	98
58) 2,3,4,6-Tetrachlorophenol	15.113	232	241554	21.252	ng/u1	98
59) Diethylphthalate	15.307	149	1059548	21.009	ng/u1	99
61) Fluorene	15.530	166	995150	21.771	ng/u1	99
62) 4-Chlorophenyl-phenyle...	15.524	204	490116	21.633	ng/u1	99
63) 4-Nitroaniline	15.571	138	140567m	19.876	ng/u1	
66) 4,6-Dinitro-2-methylph...	15.624	198	149435	18.152	ng/u1#	93
67) N-Nitrosodiphenylamine	15.742	169	822713	21.430	ng/u1	99
68) 4-Bromophenyl-phenylether	16.424	248	293008	21.054	ng/u1	98
69) Hexachlorobenzene	16.536	284	343184	21.465	ng/u1	99
70) Atrazine	16.701	200	303013	21.271	ng/u1	98
71) Pentachlorophenol	16.889	266	176480	18.882	ng/u1	98
72) Phenanthrene	17.277	178	1523352	21.295	ng/u1	99
74) Anthracene	17.365	178	1537881	21.429	ng/u1	99
75) 1,2,3,4-Tetrachloroben...	13.277	216	402594	20.979	ng/uL	100
76) Pentachlorobenzene	14.801	250	408090	21.605	ng/uL	99
77) Carbazole	17.648	167	1346189	21.109	ng/u1	100
78) Di-n-butylphthalate	18.201	149	1876991	20.809	ng/u1	99
80) Fluoranthene	19.295	202	1732181	21.909	ng/u1	98
82) Pyrene	19.659	202	1800251	21.995	ng/u1	97
83) Butylbenzylphthalate	20.559	149	811935	21.016	ng/u1	100
84) 3,3'-Dichlorobenzidine	21.348	252	463897	20.608	ng/u1	97
85) Benzo(a)anthracene	21.412	228	1524157	20.759	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.336	149	1273356	22.163	ng/u1	100
87) Chrysene	21.459	228	1471096	21.006	ng/u1	99
89) Di-n-octyl phthalate	22.247	149	2020154	21.772	ng/u1	100
90) Benzo(b)fluoranthene	23.071	252	1372132	21.117	ng/u1	99
91) Benzo(k)fluoranthene	23.118	252	1363599	21.368	ng/u1	100
93) Benzo(a)pyrene	23.683	252	1157414	21.132	ng/u1	100
94) Indeno(1,2,3-cd)pyrene	26.235	276	1367931	22.706	ng/u1	100
95) Dibenzo(a,h)anthracene	26.253	278	1130905	22.641	ng/u1	99
96) Benzo(g,h,i)perylene	26.988	276	1090620	22.725	ng/u1	99

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

