

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041823\
 Data File : BM039457.D
 Acq On : 18 Apr 2023 14:50
 Operator : CG/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SICV012

Quant Time: Apr 18 23:59:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 18 23:56:45 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/19/2023
 Supervised By :Jagrut Upadhyay 04/19/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	296776	20.000	ng/ul	0.00
20) Naphthalene-d8	10.645	136	1343291	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.492	164	858167	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.245	188	1822202	20.000	ng/ul	0.00
79) Chrysene-d12	21.439	240	1606968	20.000	ng/ul	0.00
88) Perylene-d12	23.809	264	1554001	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.216	96	54430m	7.040	ng/uL	0.00
4) Pyridine-d5	3.646	84	387401	17.832	ng/ul	0.00
7) Phenol-d5	7.022	99	472149	17.382	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.169	67	349144	19.447	ng/ul	0.00
11) 2-Chlorophenol-d4	7.369	132	385118	18.074	ng/ul	0.00
15) 4-Methylphenol-d8	8.569	113	379522	17.346	ng/ul	0.00
21) Nitrobenzene-d5	9.010	128	199425	18.453	ng/ul	0.00
24) 2-Nitrophenol-d4	9.728	143	225890	18.615	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.281	165	388862	18.623	ng/ul	0.00
31) 4-Chloroaniline-d4	10.792	131	542535	17.397	ng/ul	0.00
46) Dimethylphthalate-d6	13.910	166	1245835	18.001	ng/ul	0.00
49) Acenaphthylene-d8	14.186	160	1409906	18.133	ng/ul	0.00
54) 4-Nitrophenol-d4	14.733	143	180498	17.232	ng/ul	0.00
60) Fluorene-d10	15.486	176	1019615	17.982	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.622	200	215010	17.756	ng/ul	0.00
73) Anthracene-d10	17.345	188	1567296	17.885	ng/ul	0.00
81) Pyrene-d10	19.645	212	1817384	17.020	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.656	264	1488114	17.737	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.252	88	58273	6.887	ng/uL	95
5) Pyridine	3.664	79	390072	17.028	ng/ul	98
6) Benzaldehyde	6.975	77	308861	26.615	ng/ul	99
8) Phenol	7.052	94	506043	17.894	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.263	93	431744	18.311	ng/ul	99
12) 2-Chlorophenol	7.404	128	403178	18.804	ng/ul	99
13) 2-Methylphenol	8.299	108	386471	17.594	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.369	45	597239	18.237	ng/ul	99
16) Acetophenone	8.669	105	682649	18.994	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.651	70	372851	18.745	ng/ul	99
18) 4-Methylphenol	8.634	108	426767	17.995	ng/ul	100
19) Hexachloroethane	8.910	117	178104	18.290	ng/ul	97
22) Nitrobenzene	9.051	77	492217	18.446	ng/ul	99
23) Isophorone	9.575	82	1031635	18.130	ng/ul	99
25) 2-Nitrophenol	9.763	139	244074	19.276	ng/ul	98
26) 2,4-Dimethylphenol	9.834	107	486270	18.793	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.063	93	611338	18.271	ng/ul	99
29) 2,4-Dichlorophenol	10.304	162	391445	19.031	ng/ul	99
30) Naphthalene	10.692	128	1353235	18.208	ng/ul	100
32) 4-Chloroaniline	10.816	127	564603	18.374	ng/ul	100
33) Hexachlorobutadiene	10.969	225	247463	18.259	ng/ul	99
34) Caprolactam	11.616	113	149930	19.574	ng/ul	91
35) 4-Chloro-3-methylphenol	11.963	107	451819	18.814	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.310	142	951218	19.091	ng/ul	99
37) 1-Methylnaphthalene	12.528	142	893385	17.843	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.681	216	491139	19.067	ng/ul	98
40) Hexachlorocyclopentadiene	12.651	237	259463	16.906	ng/ul	99
41) 2,4,6-Trichlorophenol	12.934	196	324621	18.864	ng/ul	99
42) 2,4,5-Trichlorophenol	13.010	196	340242	19.023	ng/ul	98
43) 1,1'-Biphenyl	13.328	154	1249095	18.834	ng/ul	99
44) 2-Chloronaphthalene	13.369	162	954903	18.355	ng/ul	100
45) 2-Nitroaniline	13.586	65	303170	20.193	ng/ul	98
47) Dimethylphthalate	13.957	163	1249282	18.231	ng/ul	100
48) 2,6-Dinitrotoluene	14.086	165	271444	19.586	ng/ul	95
50) Acenaphthylene	14.216	152	1556593	18.716	ng/ul	100
51) 3-Nitroaniline	14.416	138	271944	20.935	ng/ul	99
52) Acenaphthene	14.557	153	1033405	18.047	ng/ul	100
53) 2,4-Dinitrophenol	14.628	184	128704	17.446	ng/ul	99
55) 4-Nitrophenol	14.751	109	143608	18.050	ng/ul	97
56) Dibenzofuran	14.892	168	1461249	18.774	ng/ul	100
57) 2,4-Dinitrotoluene	14.875	165	368659	19.145	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.127	232	309700	19.345	ng/ul	99
59) Diethylphthalate	15.322	149	1286783	18.115	ng/ul	100
61) Fluorene	15.545	166	1178901	18.311	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.539	204	581181	18.212	ng/ul	99
63) 4-Nitroaniline	15.586	138	232701	23.361	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.639	198	213737	18.359	ng/ul	98
67) N-Nitrosodiphenylamine	15.757	169	1013723	18.672	ng/ul	99
68) 4-Bromophenyl-phenylether	16.433	248	353760	17.975	ng/ul	98
69) Hexachlorobenzene	16.545	284	411511	18.201	ng/ul	97
70) Atrazine	16.716	200	377651	18.746	ng/ul	99
71) Pentachlorophenol	16.904	266	240666	18.209	ng/ul	99
72) Phenanthrene	17.286	178	1827317	18.063	ng/ul	99
74) Anthracene	17.380	178	1858428	18.312	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.292	216	487146	17.951	ng/uL	100
76) Pentachlorobenzene	14.810	250	473779	17.737	ng/uL	99
77) Carbazole	17.657	167	1698234	18.831	ng/ul	100
78) Di-n-butylphthalate	18.216	149	2341700	18.358	ng/ul	99
80) Fluoranthene	19.310	202	2130712	17.024	ng/ul	98
82) Pyrene	19.674	202	2227144	17.189	ng/ul	97
83) Butylbenzylphthalate	20.574	149	1063620	17.391	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.362	252	849144	23.829	ng/ul	98
85) Benzo(a)anthracene	21.421	228	2118396	18.226	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.345	149	1605112	17.648	ng/ul	100
87) Chrysene	21.474	228	1993386	17.980	ng/ul	100
89) Di-n-octyl phthalate	22.262	149	2707158	17.338	ng/ul	100
90) Benzo(b)fluoranthene	23.092	252	1999711	18.288	ng/ul	99
91) Benzo(k)fluoranthene	23.139	252	1918881	17.869	ng/ul	99
93) Benzo(a)pyrene	23.709	252	1671174	18.132	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.274	276	1834976	18.100	ng/ul	100
95) Dibenzo(a,h)anthracene	26.286	278	1536425	18.279	ng/ul	100
96) Benzo(g,h,i)perylene	27.027	276	1433277	17.748	ng/ul	98

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

