

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041823\
 Data File : BM039518.D
 Acq On : 20 Apr 2023 06:05
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020114

Quant Time: Apr 20 06:48:00 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 04/20/2023
 Supervised By : Jagrut Upadhyay 04/20/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.825	152	244323	20.000	ng/u1	0.00
20) Naphthalene-d8	10.630	136	1124461	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.483	164	718483	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.230	188	1510122	20.000	ng/u1	0.00
79) Chrysene-d12	21.424	240	1198381	20.000	ng/u1	0.00
88) Perylene-d12	23.788	264	1127494	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.213	96	54635	8.583	ng/uL	0.00
4) Pyridine-d5	3.637	84	368197	20.587	ng/u1	0.00
7) Phenol-d5	7.007	99	466179	20.847	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.160	67	308364	20.863	ng/u1	0.00
11) 2-Chlorophenol-d4	7.354	132	383510	21.863	ng/u1	0.00
15) 4-Methylphenol-d8	8.554	113	377852	20.977	ng/u1	0.00
21) Nitrobenzene-d5	8.995	128	195988	21.664	ng/u1	0.00
24) 2-Nitrophenol-d4	9.719	143	214386	21.105	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.266	165	385983	22.083	ng/u1	0.00
31) 4-Chloroaniline-d4	10.783	131	547197	20.961	ng/u1	0.00
46) Dimethylphthalate-d6	13.895	166	1205953	20.812	ng/u1	0.00
49) Acenaphthylene-d8	14.171	160	1397856	21.474	ng/u1	0.00
54) 4-Nitrophenol-d4	14.718	143	159935	18.238	ng/u1	0.00
60) Fluorene-d10	15.477	176	1015283	21.386	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.612	200	184722	18.407	ng/u1	0.00
73) Anthracene-d10	17.330	188	1553061	21.385	ng/u1	0.00
81) Pyrene-d10	19.630	212	1748322	21.955	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.635	264	1282634	21.071	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.249	88	59532	8.547	ng/uL	98
5) Pyridine	3.654	79	393012	20.840	ng/u1	100
6) Benzaldehyde	6.966	77	240406	25.164	ng/u1	99
8) Phenol	7.031	94	493618	21.202	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.254	93	405289	20.879	ng/u1	99
12) 2-Chlorophenol	7.389	128	386521	21.898	ng/u1	99
13) 2-Methylphenol	8.284	108	373702	20.665	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.360	45	564393m	20.934	ng/u1	
16) Acetophenone	8.660	105	641518	21.682	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.642	70	339693	20.744	ng/u1	99
18) 4-Methylphenol	8.619	108	415558	21.285	ng/u1	99
19) Hexachloroethane	8.895	117	170207	21.231	ng/u1	98
22) Nitrobenzene	9.036	77	476712	21.342	ng/u1	98
23) Isophorone	9.566	82	969152	20.347	ng/u1	100
25) 2-Nitrophenol	9.748	139	229360	21.640	ng/u1	96
26) 2,4-Dimethylphenol	9.819	107	467949	21.605	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.048	93	576925	20.598	ng/u1	100
29) 2,4-Dichlorophenol	10.289	162	379547	22.044	ng/u1	99
30) Naphthalene	10.683	128	1334929	21.457	ng/u1	100
32) 4-Chloroaniline	10.807	127	542122	21.076	ng/u1	100
33) Hexachlorobutadiene	10.960	225	243733	21.483	ng/u1	99
34) Caprolactam	11.595	113	125852m	19.628	ng/u1	
35) 4-Chloro-3-methylphenol	11.942	107	434023	21.590	ng/u1	98
36) 2-Methylnaphthalene	12.295	142	880833	21.119	ng/u1	100

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37) 1-Methylnaphthalene	12.519	142	885868	21.136	ng/u1	98
39) 1,2,4,5-Tetrachloroben...	12.666	216	465047	21.564	ng/u1	99
40) Hexachlorocyclopentadiene	12.636	237	188295	14.654	ng/u1	98
41) 2,4,6-Trichlorophenol	12.919	196	307573	21.348	ng/u1	98
42) 2,4,5-Trichlorophenol	12.995	196	319556	21.340	ng/u1	97
43) 1,1'-Biphenyl	13.313	154	1200697	21.624	ng/u1	99
44) 2-Chloronaphthalene	13.354	162	938708	21.551	ng/u1	99
45) 2-Nitroaniline	13.577	65	268126	21.331	ng/u1	98
47) Dimethylphthalate	13.942	163	1209500	21.082	ng/u1	100
48) 2,6-Dinitrotoluene	14.071	165	241371	20.802	ng/u1	99
50) Acenaphthylene	14.201	152	1503570	21.593	ng/u1	100
51) 3-Nitroaniline	14.407	138	219288	20.164	ng/u1	97
52) Acenaphthene	14.548	153	1023032	21.339	ng/u1	100
53) 2,4-Dinitrophenol	14.624	184	85488	13.841	ng/u1	95
55) 4-Nitrophenol	14.730	109	125410	18.827	ng/u1	97
56) Dibenzofuran	14.883	168	1410945	21.653	ng/u1	99
57) 2,4-Dinitrotoluene	14.865	165	345487	21.429	ng/u1	97
58) 2,3,4,6-Tetrachlorophenol	15.113	232	285028	21.265	ng/u1	96
59) Diethylphthalate	15.307	149	1251076	21.037	ng/u1	99
61) Fluorene	15.530	166	1162730	21.571	ng/u1	100
62) 4-Chlorophenyl-phenyle...	15.524	204	574192	21.491	ng/u1	99
63) 4-Nitroaniline	15.571	138	167947	20.138	ng/u1	98
66) 4,6-Dinitro-2-methylph...	15.624	198	177656	18.414	ng/u1	93
67) N-Nitrosodiphenylamine	15.742	169	978194	21.741	ng/u1	99
68) 4-Bromophenyl-phenylether	16.424	248	346882	21.268	ng/u1	98
69) Hexachlorobenzene	16.536	284	399764	21.335	ng/u1	99
70) Atrazine	16.701	200	359736	21.547	ng/u1	99
71) Pentachlorophenol	16.889	266	212071	19.361	ng/u1	98
72) Phenanthrene	17.277	178	1801488	21.488	ng/u1	99
74) Anthracene	17.365	178	1840285	21.880	ng/u1	100
75) 1,2,3,4-Tetrachloroben...	13.277	216	479737	21.331	ng/u1	100
76) Pentachlorobenzene	14.801	250	480797	21.719	ng/u1	99
77) Carbazole	17.648	167	1595373	21.346	ng/u1	100
78) Di-n-butylphthalate	18.201	149	2236045	21.153	ng/u1	99
80) Fluoranthene	19.295	202	2059162	22.061	ng/u1	98
82) Pyrene	19.659	202	2131147	22.056	ng/u1	97
83) Butylbenzylphthalate	20.559	149	979110	21.467	ng/u1	97
84) 3,3'-Dichlorobenzidine	21.347	252	573153	21.568	ng/u1	99
85) Benzo(a)anthracene	21.406	228	1857158	21.426	ng/u1	100
86) Bis(2-ethylhexyl)phtha...	21.330	149	1502401	22.150	ng/u1	99
87) Chrysene	21.459	228	1746790	21.127	ng/u1	100
89) Di-n-octyl phthalate	22.247	149	2465390	21.763	ng/u1	100
90) Benzo(b)fluoranthene	23.065	252	1629551	20.541	ng/u1	99
91) Benzo(k)fluoranthene	23.118	252	1700852	21.831	ng/u1	99
93) Benzo(a)pyrene	23.683	252	1408376	21.061	ng/u1	100
94) Indeno(1,2,3-cd)pyrene	26.235	276	1673062	22.746	ng/u1	98
95) Dibenzo(a,h)anthracene	26.247	278	1394454	22.865	ng/u1	100
96) Benzo(g,h,i)perylene	26.988	276	1317663	22.488	ng/u1	99

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

