

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030223\
 Data File : BM038834.D
 Acq On : 02 Mar 2023 13:39
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020099

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

03/03/2023
 Supervised By :Jagrut
 Upadhyay

Quant Time: Mar 02 14:18:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 01 02:09:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.010	152	211006	20.000	ng/u1	0.00
20) Naphthalene-d8	10.827	136	951987	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.645	164	607666	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.386	188	1320831	20.000	ng/u1	0.00
79) Chrysene-d12	21.568	240	1350960	20.000	ng/u1	0.00
88) Perylene-d12	24.027	264	1572626	20.000	ng/u1	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	45880	8.119	ng/uL	0.00
4) Pyridine-d5	3.798	84	325276	20.936	ng/u1	0.00
7) Phenol-d5	7.157	99	402323	20.337	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.334	67	265459	21.002	ng/u1	0.00
11) 2-Chlorophenol-d4	7.534	132	315854	21.427	ng/u1	0.00
15) 4-Methylphenol-d8	8.710	113	314545	20.183	ng/u1	0.00
21) Nitrobenzene-d5	9.175	128	150246	22.481	ng/u1	0.00
24) 2-Nitrophenol-d4	9.898	143	141578	22.608	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.439	165	308963	21.232	ng/u1	0.00
31) 4-Chloroaniline-d4	10.957	131	487565	20.101	ng/u1	0.00
46) Dimethylphthalate-d6	14.057	166	986324	20.956	ng/u1	0.00
49) Acenaphthylene-d8	14.339	160	1165797	21.193	ng/u1	0.00
54) 4-Nitrophenol-d4	14.821	143	188287	19.984	ng/u1	0.00
60) Fluorene-d10	15.633	176	878489	21.164	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	127692	18.596	ng/u1	0.00
73) Anthracene-d10	17.486	188	1385960	21.280	ng/u1	0.00
81) Pyrene-d10	19.774	212	1596866	21.491	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.868	264	1719775	21.700	ng/u1	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.416	88	51557	8.489	ng/uL 96
5) Pyridine	3.822	79	349335	20.886	ng/u1 98
6) Benzaldehyde	7.139	77	239314m	24.979	ng/u1
8) Phenol	7.181	94	434670	20.529	ng/u1 100
10) Bis(2-Chloroethyl)ether	7.428	93	350705	20.805	ng/u1 100
12) 2-Chlorophenol	7.569	128	326175	21.484	ng/u1 97
13) 2-Methylphenol	8.445	108	320248	20.234	ng/u1 98
14) 2,2'-oxybis(1-Chloropr...	8.545	45	432199	20.424	ng/u1 100
16) Acetophenone	8.833	105	558385	20.615	ng/u1 99
17) N-Nitroso-di-n-propyla...	8.822	70	265887	21.373	ng/u1 99
18) 4-Methylphenol	8.775	108	362202	20.610	ng/u1 98
19) Hexachloroethane	9.098	117	130343	21.429	ng/u1 99
22) Nitrobenzene	9.216	77	390566	21.361	ng/u1 99
23) Isophorone	9.745	82	765697	20.589	ng/u1 98
25) 2-Nitrophenol	9.933	139	168409	22.678	ng/u1 97
26) 2,4-Dimethylphenol	9.992	107	388008	21.267	ng/u1 97
27) Bis(2-Chloroethoxy)met...	10.233	93	476190	20.865	ng/u1 99
29) 2,4-Dichlorophenol	10.463	162	316464	21.453	ng/u1 99
30) Naphthalene	10.874	128	1148014	21.133	ng/u1 100
32) 4-Chloroaniline	10.980	127	499211	20.327	ng/u1 99
33) Hexachlorobutadiene	11.169	225	191770	20.893	ng/u1 97
34) Caprolactam	11.739	113	95423m	18.864	ng/u1
35) 4-Chloro-3-methylphenol	12.098	107	349568	20.961	ng/u1 99
36) 2-Methylnaphthalene	12.480	142	753530	21.252	ng/u1 99

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37) 1-Methylnaphthalene	12.698	142	754948	21.132	ng/u1	100
39) 1,2,4,5-Tetrachloroben...	12.845	216	384617	21.160	ng/u1	98
40) Hexachlorocyclopentadiene	12.827	237	201279	20.525	ng/u1	96
41) 2,4,6-Trichlorophenol	13.080	196	245643	21.425	ng/u1	100
42) 2,4,5-Trichlorophenol	13.145	196	273289	21.658	ng/u1	98
43) 1,1'-Biphenyl	13.486	154	1017900	21.237	ng/u1	99
44) 2-Chloronaphthalene	13.527	162	796464	21.068	ng/u1	99
45) 2-Nitroaniline	13.721	65	188619	22.110	ng/u1	100
47) Dimethylphthalate	14.104	163	991789	20.794	ng/u1	98
48) 2,6-Dinitrotoluene	14.215	165	169151	22.411	ng/u1	96
50) Acenaphthylene	14.368	152	1290690	21.156	ng/u1	100
51) 3-Nitroaniline	14.545	138	190119	20.070	ng/u1	92
52) Acenaphthene	14.710	153	878112	20.910	ng/u1	99
53) 2,4-Dinitrophenol	14.745	184	72975	17.007	ng/u1	96
55) 4-Nitrophenol	14.839	109	154430	20.520	ng/u1	96
56) Dibenzofuran	15.045	168	1238949	21.251	ng/u1	99
57) 2,4-Dinitrotoluene	14.998	165	259724	22.261	ng/u1	99
58) 2,3,4,6-Tetrachlorophenol	15.262	232	234688	21.363	ng/u1	98
59) Diethylphthalate	15.468	149	1004461	21.282	ng/u1	99
61) Fluorene	15.692	166	1038314	21.241	ng/u1	99
62) 4-Chlorophenyl-phenyle...	15.686	204	503812	21.349	ng/u1	97
63) 4-Nitroaniline	15.704	138	209488	21.381	ng/u1	98
66) 4,6-Dinitro-2-methylph...	15.757	198	136688	19.234	ng/u1	94
67) N-Nitrosodiphenylamine	15.898	169	849759	21.271	ng/u1	99
68) 4-Bromophenyl-phenylether	16.580	248	271059	19.938	ng/u1	97
69) Hexachlorobenzene	16.692	284	346203	21.025	ng/u1	99
70) Atrazine	16.851	200	272321	20.150	ng/u1	99
71) Pentachlorophenol	17.033	266	193668	19.344	ng/u1	98
72) Phenanthrene	17.433	178	1613566	21.144	ng/u1	100
74) Anthracene	17.521	178	1663717	21.411	ng/u1	100
75) 1,2,3,4-Tetrachloroben...	13.451	216	395995	21.273	ng/uL	99
76) Pentachlorobenzene	14.962	250	407455	21.303	ng/uL	99
77) Carbazole	17.792	167	1511201	20.943	ng/u1	99
78) Di-n-butylphthalate	18.362	149	1576871	21.480	ng/u1	100
80) Fluoranthene	19.445	202	1843319	21.570	ng/u1	99
82) Pyrene	19.803	202	2019872	21.555	ng/u1	100
83) Butylbenzylphthalate	20.709	149	590980	23.734	ng/u1	98
84) 3,3'-Dichlorobenzidine	21.486	252	560106	21.159	ng/u1	99
85) Benzo(a)anthracene	21.550	228	2019268	21.632	ng/u1	100
86) Bis(2-ethylhexyl)phtha...	21.491	149	991764	23.959	ng/u1	98
87) Chrysene	21.609	228	1973056	21.615	ng/u1	100
89) Di-n-octyl phthalate	22.444	149	1547094	19.565	ng/u1	100
90) Benzo(b)fluoranthene	23.274	252	2164897	22.171	ng/u1	100
91) Benzo(k)fluoranthene	23.327	252	2122677	21.163	ng/u1	100
93) Benzo(a)pyrene	23.915	252	1951081	21.570	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.591	276	2648993	22.155	ng/u1	99
95) Dibenzo(a,h)anthracene	26.615	278	2205401	21.863	ng/u1	100
96) Benzo(g,h,i)perylene	27.379	276	2182224	22.289	ng/u1	98

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

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