

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110322\
 Data File : BM037345.D
 Acq On : 03 Nov 2022 14:12
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020198

Quant Time: Nov 04 01:02:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM110122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 02 03:33:37 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/04/2022
 Supervised By :Jagrut Upadhyay 11/07/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	321752	20.000	ng/u1	0.00
20) Naphthalene-d8	10.651	136	1466905	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.486	164	936435	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.227	188	1947274	20.000	ng/u1	0.00
79) Chrysene-d12	21.398	240	1975472	20.000	ng/u1	0.00
88) Perylene-d12	23.750	264	1713655	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	61165	8.380	ng/uL	0.00
4) Pyridine-d5	3.693	84	444033	20.379	ng/u1	0.00
7) Phenol-d5	7.022	99	545516	19.482	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.187	67	343477	19.990	ng/u1	0.00
11) 2-Chlorophenol-d4	7.381	132	452668	21.158	ng/u1	0.00
15) 4-Methylphenol-d8	8.569	113	445558	19.486	ng/u1	0.00
21) Nitrobenzene-d5	9.022	128	230766	21.060	ng/u1	0.00
24) 2-Nitrophenol-d4	9.739	143	250535	20.990	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.275	165	469829	21.350	ng/u1	0.00
31) 4-Chloroaniline-d4	10.798	131	676456	20.116	ng/u1	0.00
46) Dimethylphthalate-d6	13.904	166	1329992	20.541	ng/u1	0.00
49) Acenaphthylene-d8	14.180	160	1650891	21.209	ng/u1	0.00
54) 4-Nitrophenol-d4	14.704	143	256358	19.808	ng/u1	0.00
60) Fluorene-d10	15.474	176	1233007	21.355	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.604	200	230642	18.700	ng/u1	0.00
73) Anthracene-d10	17.327	188	1921386	21.425	ng/u1	0.00
81) Pyrene-d10	19.615	212	2135675	20.689	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.597	264	1864671	21.139	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	65269	8.511	ng/uL	99
5) Pyridine	3.710	79	445488	20.413	ng/u1	96
6) Benzaldehyde	6.998	77	336796	25.999	ng/u1	97
8) Phenol	7.051	94	575245	19.525	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.281	93	471660	19.956	ng/u1	98
12) 2-Chlorophenol	7.416	128	482663	20.850	ng/u1	99
13) 2-Methylphenol	8.304	108	441099	19.624	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.393	45	683586	20.363	ng/u1	98
16) Acetophenone	8.687	105	736937	20.096	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.669	70	367465	20.174	ng/u1	99
18) 4-Methylphenol	8.634	108	489442	19.768	ng/u1	100
19) Hexachloroethane	8.928	117	202238	22.012	ng/u1	100
22) Nitrobenzene	9.063	77	556063	21.025	ng/u1	99
23) Isophorone	9.592	82	1029550	20.183	ng/u1	99
25) 2-Nitrophenol	9.775	139	287335	21.062	ng/u1	99
26) 2,4-Dimethylphenol	9.834	107	544632	21.232	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.075	93	660224	20.818	ng/u1	100
29) 2,4-Dichlorophenol	10.304	162	484903	21.412	ng/u1	100
30) Naphthalene	10.704	128	1664054	21.262	ng/u1	100
32) 4-Chloroaniline	10.822	127	702908	20.172	ng/u1	99
33) Hexachlorobutadiene	10.981	225	304214	21.813	ng/u1	98
34) Caprolactam	11.616	113	144289m	19.362	ng/u1	
35) 4-Chloro-3-methylphenol	11.951	107	492049	20.948	ng/u1	100
36) 2-Methylnaphthalene	12.316	142	1131334	20.932	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.533	142	1150691	21.158	ng/u1	99
39) 1,2,4,5-Tetrachloroben...	12.680	216	596397	21.220	ng/u1	99
40) Hexachlorocyclopentadiene	12.651	237	301021	19.158	ng/u1	99
41) 2,4,6-Trichlorophenol	12.928	196	389556	21.472	ng/u1	98
42) 2,4,5-Trichlorophenol	12.998	196	419277	21.462	ng/u1	98
43) 1,1'-Biphenyl	13.322	154	1476019	21.207	ng/u1	100
44) 2-Chloronaphthalene	13.363	162	1197943	21.420	ng/u1	99
45) 2-Nitroaniline	13.580	65	322490	21.869	ng/u1	98
47) Dimethylphthalate	13.951	163	1427692	20.701	ng/u1	99
48) 2,6-Dinitrotoluene	14.080	165	294478	21.807	ng/u1	97
50) Acenaphthylene	14.210	152	1826704	21.470	ng/u1	100
51) 3-Nitroaniline	14.410	138	316511	21.720	ng/u1	100
52) Acenaphthene	14.551	153	1289107	21.294	ng/u1	100
53) 2,4-Dinitrophenol	14.616	184	156479	17.256	ng/u1	95
55) 4-Nitrophenol	14.716	109	194045	20.389	ng/u1	97
56) Dibenzofuran	14.886	168	1738307	21.265	ng/u1	99
57) 2,4-Dinitrotoluene	14.863	165	425649	21.512	ng/u1	95
58) 2,3,4,6-Tetrachlorophenol	15.116	232	362117	21.292	ng/u1	97
59) Diethylphthalate	15.310	149	1439725	20.959	ng/u1	99
61) Fluorene	15.533	166	1493346	21.597	ng/u1	99
62) 4-Chlorophenyl-phenyle...	15.527	204	723349	21.287	ng/u1	99
63) 4-Nitroaniline	15.569	138	321388m	23.721	ng/u1	
66) 4,6-Dinitro-2-methylph...	15.621	198	245616	18.746	ng/u1	97
67) N-Nitrosodiphenylamine	15.745	169	1223635	21.198	ng/u1	99
68) 4-Bromophenyl-phenylether	16.421	248	433905	20.946	ng/u1	100
69) Hexachlorobenzene	16.527	284	535602	21.185	ng/u1	98
70) Atrazine	16.698	200	414392	20.278	ng/u1	98
71) Pentachlorophenol	16.880	266	293993	19.002	ng/u1	97
72) Phenanthrene	17.268	178	2337592	21.469	ng/u1	100
74) Anthracene	17.357	178	2359875	21.542	ng/u1	99
75) 1,2,3,4-Tetrachloroben...	13.286	216	594007	21.051	ng/uL	99
76) Pentachlorobenzene	14.798	250	650049	21.172	ng/uL	98
77) Carbazole	17.639	167	2101273	21.261	ng/u1	100
78) Di-n-butylphthalate	18.198	149	2464402	21.644	ng/u1	100
80) Fluoranthene	19.280	202	2640836	20.789	ng/u1	99
82) Pyrene	19.645	202	2833048	21.170	ng/u1	100
83) Butylbenzylphthalate	20.539	149	1106161	21.282	ng/u1	97
84) 3,3'-Dichlorobenzidine	21.321	252	969564	21.177	ng/u1	99
85) Benzo(a)anthracene	21.386	228	2744079	21.645	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.309	149	1629895	22.489	ng/u1	100
87) Chrysene	21.439	228	2541244	21.303	ng/u1	100
89) Di-n-octyl phthalate	22.215	149	2633731	21.124	ng/u1	100
90) Benzo(b)fluoranthene	23.033	252	2587826	21.708	ng/u1	99
91) Benzo(k)fluoranthene	23.080	252	2436933	20.879	ng/u1	99
93) Benzo(a)pyrene	23.644	252	2121999	21.284	ng/u1	100
94) Indeno(1,2,3-cd)pyrene	26.174	276	2241365	21.006	ng/u1	99
95) Dibenzo(a,h)anthracene	26.185	278	2011936	20.967	ng/u1	99
96) Benzo(g,h,i)perylene	26.921	276	1892095	20.696	ng/u1	100

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

