

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110322\
 Data File : BM037338.D
 Acq On : 03 Nov 2022 09:15
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020197

Quant Time: Nov 04 00:58:58 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	302892	20.000	ng/u1	0.00
20) Naphthalene-d8	10.651	136	1380683	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.486	164	882248	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.227	188	1851173	20.000	ng/u1	0.00
79) Chrysene-d12	21.397	240	1969217	20.000	ng/u1	0.00
88) Perylene-d12	23.744	264	1819501	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	57611	8.384	ng/uL	0.00
4) Pyridine-d5	3.693	84	414414	20.204	ng/u1	0.00
7) Phenol-d5	7.022	99	511655	19.410	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.187	67	325061	20.096	ng/u1	0.00
11) 2-Chlorophenol-d4	7.381	132	418269	20.768	ng/u1	0.00
15) 4-Methylphenol-d8	8.569	113	420688	19.544	ng/u1	0.00
21) Nitrobenzene-d5	9.022	128	216194	20.962	ng/u1	0.00
24) 2-Nitrophenol-d4	9.739	143	232643	20.708	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.275	165	441188	21.301	ng/u1	0.00
31) 4-Chloroaniline-d4	10.798	131	628270	19.849	ng/u1	0.00
46) Dimethylphthalate-d6	13.904	166	1259375	20.645	ng/u1	0.00
49) Acenaphthylene-d8	14.180	160	1545477	21.074	ng/u1	0.00
54) 4-Nitrophenol-d4	14.704	143	240702	19.741	ng/u1	0.00
60) Fluorene-d10	15.474	176	1154881	21.230	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.604	200	212782	18.148	ng/u1	0.00
73) Anthracene-d10	17.321	188	1830959	21.476	ng/u1	-0.01
81) Pyrene-d10	19.615	212	2072927	20.144	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.591	264	1964977	20.980	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	62722	8.689	ng/uL	99
5) Pyridine	3.710	79	418432	20.367	ng/u1	96
6) Benzaldehyde	6.998	77	312669	25.640	ng/u1	97
8) Phenol	7.051	94	541145	19.512	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.281	93	447260	20.101	ng/u1	100
12) 2-Chlorophenol	7.416	128	452396	20.759	ng/u1	99
13) 2-Methylphenol	8.304	108	416521	19.685	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.387	45	646148	20.447	ng/u1	99
16) Acetophenone	8.681	105	695593	20.150	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.663	70	351560	20.503	ng/u1	99
18) 4-Methylphenol	8.634	108	464365	19.923	ng/u1	97
19) Hexachloroethane	8.922	117	188000	21.737	ng/u1	95
22) Nitrobenzene	9.063	77	524073	21.053	ng/u1	99
23) Isophorone	9.586	82	963113	20.060	ng/u1	99
25) 2-Nitrophenol	9.769	139	265299	20.661	ng/u1	98
26) 2,4-Dimethylphenol	9.834	107	511183	21.173	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.069	93	621428	20.819	ng/u1	98
29) 2,4-Dichlorophenol	10.304	162	450314	21.127	ng/u1	99
30) Naphthalene	10.698	128	1566310	21.263	ng/u1	100
32) 4-Chloroaniline	10.822	127	659202	20.099	ng/u1	99
33) Hexachlorobutadiene	10.975	225	280102	21.339	ng/u1	99
34) Caprolactam	11.610	113	131079	18.688	ng/u1	98
35) 4-Chloro-3-methylphenol	11.945	107	460672	20.837	ng/u1	99
36) 2-Methylnaphthalene	12.310	142	1062908	20.894	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.527	142	1079400	21.086	ng/u1	100
39) 1,2,4,5-Tetrachloroben...	12.675	216	557950	21.072	ng/u1	99
40) Hexachlorocyclopentadiene	12.651	237	265620	17.944	ng/u1	99
41) 2,4,6-Trichlorophenol	12.922	196	361234	21.133	ng/u1	100
42) 2,4,5-Trichlorophenol	12.992	196	389697	21.173	ng/u1	100
43) 1,1'-Biphenyl	13.322	154	1412564	21.542	ng/u1	100
44) 2-Chloronaphthalene	13.363	162	1116627	21.192	ng/u1	99
45) 2-Nitroaniline	13.580	65	298992	21.520	ng/u1	98
47) Dimethylphthalate	13.951	163	1348325	20.751	ng/u1	100
48) 2,6-Dinitrotoluene	14.074	165	271684	21.355	ng/u1	100
50) Acenaphthylene	14.210	152	1713241	21.373	ng/u1	100
51) 3-Nitroaniline	14.404	138	289366	21.077	ng/u1	98
52) Acenaphthene	14.551	153	1220959	21.407	ng/u1	99
53) 2,4-Dinitrophenol	14.616	184	143621	16.811	ng/u1	99
55) 4-Nitrophenol	14.716	109	181507	20.243	ng/u1	96
56) Dibenzofuran	14.880	168	1643766	21.344	ng/u1	98
57) 2,4-Dinitrotoluene	14.857	165	394940	21.186	ng/u1	93
58) 2,3,4,6-Tetrachlorophenol	15.110	232	338933	21.152	ng/u1	100
59) Diethylphthalate	15.310	149	1359098	21.001	ng/u1	99
61) Fluorene	15.527	166	1408033	21.614	ng/u1	100
62) 4-Chlorophenyl-phenyle...	15.527	204	682664	21.324	ng/u1	99
63) 4-Nitroaniline	15.568	138	295831m	23.176	ng/u1	
66) 4,6-Dinitro-2-methylph...	15.615	198	229692	18.441	ng/u1	95
67) N-Nitrosodiphenylamine	15.739	169	1164030	21.212	ng/u1	100
68) 4-Bromophenyl-phenylether	16.421	248	407933	20.714	ng/u1	98
69) Hexachlorobenzene	16.527	284	504679	20.998	ng/u1	97
70) Atrazine	16.698	200	394399	20.302	ng/u1	98
71) Pentachlorophenol	16.874	266	281501	19.139	ng/u1	97
72) Phenanthrene	17.268	178	2226647	21.512	ng/u1	100
74) Anthracene	17.357	178	2256212	21.664	ng/u1	100
75) 1,2,3,4-Tetrachloroben...	13.280	216	555617	20.712	ng/uL	100
76) Pentachlorobenzene	14.798	250	607724	20.821	ng/uL	99
77) Carbazole	17.633	167	2003759	21.327	ng/u1	99
78) Di-n-butylphthalate	18.192	149	2346195	21.675	ng/u1	100
80) Fluoranthene	19.280	202	2571988	20.312	ng/u1	100
82) Pyrene	19.645	202	2761774	20.703	ng/u1	99
83) Butylbenzylphthalate	20.539	149	1118744	21.592	ng/u1	99
84) 3,3'-Dichlorobenzidine	21.321	252	975530	21.375	ng/u1	99
85) Benzo(a)anthracene	21.386	228	2727261	21.580	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.309	149	1639012	22.687	ng/u1	100
87) Chrysene	21.439	228	2537872	21.342	ng/u1	100
89) Di-n-octyl phthalate	22.215	149	2723735	20.575	ng/u1	100
90) Benzo(b)fluoranthene	23.027	252	2578351	20.370	ng/u1	99
91) Benzo(k)fluoranthene	23.074	252	2586521	20.871	ng/u1	100
93) Benzo(a)pyrene	23.639	252	2227572	21.043	ng/u1	100
94) Indeno(1,2,3-cd)pyrene	26.168	276	2422160	21.380	ng/u1	99
95) Dibenzo(a,h)anthracene	26.180	278	2174680	21.345	ng/u1	100
96) Benzo(g,h,i)perylene	26.915	276	2062114	21.243	ng/u1	99

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

