

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110322\
 Data File : BM037373.D
 Acq On : 04 Nov 2022 08:00
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020051

Quant Time: Nov 04 08:32:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM110122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 04 02:39:09 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	7.846	152	382062	20.000	ng/u1	0.00
20) Naphthalene-d8	10.645	136	1694929	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.480	164	1047098	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.221	188	2056934	20.000	ng/u1	0.00
79) Chrysene-d12	21.392	240	1744158	20.000	ng/u1	0.00
88) Perylene-d12	23.739	264	1426871	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	73350	8.463	ng/uL	0.00
4) Pyridine-d5	3.693	84	532658	20.588	ng/u1	0.00
7) Phenol-d5	7.022	99	658083	19.792	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.187	67	411437	20.165	ng/u1	0.00
11) 2-Chlorophenol-d4	7.375	132	533145	20.986	ng/u1	0.00
15) 4-Methylphenol-d8	8.563	113	531526	19.576	ng/u1	0.00
21) Nitrobenzene-d5	9.016	128	276069	21.805	ng/u1	0.00
24) 2-Nitrophenol-d4	9.734	143	293705	21.296	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.275	165	548971	21.591	ng/u1	0.00
31) 4-Chloroaniline-d4	10.792	131	773430	19.905	ng/u1	0.00
46) Dimethylphthalate-d6	13.898	166	1478598	20.423	ng/u1	0.00
49) Acenaphthylene-d8	14.175	160	1869477	21.478	ng/u1	0.00
54) 4-Nitrophenol-d4	14.698	143	269899	18.650	ng/u1	0.00
60) Fluorene-d10	15.469	176	1358770	21.046	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.604	200	235877	18.105	ng/u1	0.00
73) Anthracene-d10	17.321	188	2021828	21.343	ng/u1	0.00
81) Pyrene-d10	19.609	212	2111891	23.171	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.586	264	1548371	21.081	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	77068	8.464	ng/uL	99
5) Pyridine	3.710	79	533928	20.604	ng/u1	98
6) Benzaldehyde	6.993	77	402667	26.177	ng/u1	96
8) Phenol	7.046	94	689907	19.721	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.275	93	562400	20.039	ng/u1	99
12) 2-Chlorophenol	7.410	128	579148	21.068	ng/u1	99
13) 2-Methylphenol	8.298	108	528351	19.796	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.387	45	808715	20.288	ng/u1	99
16) Acetophenone	8.681	105	880747	20.227	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.663	70	449976	20.804	ng/u1	99
18) 4-Methylphenol	8.628	108	588283	20.009	ng/u1	100
19) Hexachloroethane	8.916	117	241115	22.101	ng/u1	96
22) Nitrobenzene	9.057	77	666815	21.821	ng/u1	98
23) Isophorone	9.587	82	1211544	20.556	ng/u1	99
25) 2-Nitrophenol	9.769	139	336516	21.349	ng/u1	98
26) 2,4-Dimethylphenol	9.828	107	635998	21.458	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.069	93	769436	20.998	ng/u1	100
29) 2,4-Dichlorophenol	10.298	162	564021	21.555	ng/u1	100
30) Naphthalene	10.698	128	1925941	21.298	ng/u1	100
32) 4-Chloroaniline	10.816	127	806872	20.040	ng/u1	99
33) Hexachlorobutadiene	10.969	225	346135	21.480	ng/u1	99
34) Caprolactam	11.610	113	158564	18.415	ng/u1	93
35) 4-Chloro-3-methylphenol	11.945	107	563320	20.755	ng/u1	99
36) 2-Methylnaphthalene	12.304	142	1301962	20.848	ng/u1	99

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37) 1-Methylnaphthalene	12.528	142	1321922	21.036	ng/u1	99
39) 1,2,4,5-Tetrachloroben...	12.675	216	678759	21.598	ng/u1	99
40) Hexachlorocyclopentadiene	12.645	237	343289	19.539	ng/u1	100
41) 2,4,6-Trichlorophenol	12.922	196	439706	21.674	ng/u1	99
42) 2,4,5-Trichlorophenol	12.992	196	469410	21.489	ng/u1	100
43) 1,1'-Biphenyl	13.316	154	1705817	21.919	ng/u1	99
44) 2-Chloronaphthalene	13.357	162	1359294	21.736	ng/u1	99
45) 2-Nitroaniline	13.575	65	371181	22.510	ng/u1	96
47) Dimethylphthalate	13.945	163	1596983	20.708	ng/u1	99
48) 2,6-Dinitrotoluene	14.075	165	326976	21.654	ng/u1	99
50) Acenaphthylene	14.204	152	2050424	21.553	ng/u1	100
51) 3-Nitroaniline	14.404	138	347714	21.339	ng/u1	97
52) Acenaphthene	14.545	153	1458129	21.540	ng/u1	99
53) 2,4-Dinitrophenol	14.610	184	158675	15.649	ng/u1	95
55) 4-Nitrophenol	14.716	109	205229	19.286	ng/u1	97
56) Dibenzofuran	14.880	168	1931663	21.133	ng/u1	99
57) 2,4-Dinitrotoluene	14.857	165	459787	20.782	ng/u1	93
58) 2,3,4,6-Tetrachlorophenol	15.110	232	396387	20.843	ng/u1	95
59) Diethylphthalate	15.304	149	1565653	20.383	ng/u1	99
61) Fluorene	15.527	166	1648955	21.327	ng/u1	100
62) 4-Chlorophenyl-phenyle...	15.521	204	801553	21.096	ng/u1	100
63) 4-Nitroaniline	15.563	138	341375m	22.534	ng/u1	
66) 4,6-Dinitro-2-methylph...	15.616	198	254972	18.423	ng/u1	95
67) N-Nitrosodiphenylamine	15.739	169	1344888	22.057	ng/u1	100
68) 4-Bromophenyl-phenylether	16.416	248	468246	21.398	ng/u1	100
69) Hexachlorobenzene	16.521	284	570592	21.366	ng/u1	99
70) Atrazine	16.692	200	439438	20.358	ng/u1	98
71) Pentachlorophenol	16.874	266	303272	18.557	ng/u1	96
72) Phenanthrene	17.263	178	2461234	21.400	ng/u1	100
74) Anthracene	17.357	178	2493316	21.546	ng/u1	100
75) 1,2,3,4-Tetrachloroben...	13.280	216	673045	22.580	ng/uL	98
76) Pentachlorobenzene	14.798	250	716699	22.098	ng/uL	99
77) Carbazole	17.633	167	2174159	20.826	ng/u1	99
78) Di-n-butylphthalate	18.192	149	2567771	21.349	ng/u1	100
80) Fluoranthene	19.274	202	2651579	23.642	ng/u1	100
82) Pyrene	19.639	202	2787092	23.589	ng/u1	99
83) Butylbenzylphthalate	20.533	149	1032080	22.490	ng/u1	96
84) 3,3'-Dichlorobenzidine	21.315	252	777469	19.234	ng/u1	100
85) Benzo(a)anthracene	21.380	228	2432698	21.733	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.303	149	1379114	21.553	ng/u1	100
87) Chrysene	21.433	228	2242395	21.291	ng/u1	99
89) Di-n-octyl phthalate	22.209	149	2037663	19.628	ng/u1	100
90) Benzo(b)fluoranthene	23.021	252	2052869	20.681	ng/u1	99
91) Benzo(k)fluoranthene	23.074	252	2076262	21.364	ng/u1	100
93) Benzo(a)pyrene	23.633	252	1773573	21.364	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.162	276	2068015	23.276	ng/u1	99
95) Dibenzo(a,h)anthracene	26.174	278	1858311	23.259	ng/u1	100
96) Benzo(g,h,i)perylene	26.903	276	1809063	23.765	ng/u1	99

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

