

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090822\
 Data File : BM036523.D
 Acq On : 08 Sep 2022 00:12
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020169

Quant Time: Sep 08 01:47:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM081622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 02 01:33:23 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/08/2022
 Supervised By :mohammad ahmed 09/19/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	187340	20.000	ng/u1	0.00
20) Naphthalene-d8	10.516	136	995293	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.369	164	626938	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.115	188	1205870	20.000	ng/u1	0.00
79) Chrysene-d12	21.309	240	1068214	20.000	ng/u1	0.00
88) Perylene-d12	23.597	264	1023204	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.128	96	34733	7.066	ng/uL	0.00
4) Pyridine-d5	3.552	84	250883	18.507	ng/u1	0.00
7) Phenol-d5	6.898	99	328938	20.570	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.063	67	214000	21.261	ng/u1	0.00
11) 2-Chlorophenol-d4	7.251	132	235525	18.746	ng/u1	0.00
15) 4-Methylphenol-d8	8.445	113	237855	19.921	ng/u1	0.00
21) Nitrobenzene-d5	8.892	128	129513	17.163	ng/u1	0.00
24) 2-Nitrophenol-d4	9.610	143	146866	19.187	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.145	165	270169	19.754	ng/u1	0.00
31) 4-Chloroaniline-d4	10.669	131	405418	19.121	ng/u1	0.00
46) Dimethylphthalate-d6	13.792	166	780961	19.690	ng/u1	0.00
49) Acenaphthylene-d8	14.063	160	947790	19.159	ng/u1	0.00
54) 4-Nitrophenol-d4	14.598	143	140473	18.691	ng/u1	0.00
60) Fluorene-d10	15.363	176	694073	19.366	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.498	200	111118	17.924	ng/u1	0.00
73) Anthracene-d10	17.215	188	935132	17.440	ng/u1	0.00
81) Pyrene-d10	19.515	212	1062334	19.171	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.450	264	891964	17.780	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.163	88	37418	7.227	ng/uL	92
5) Pyridine	3.575	79	256192	18.295	ng/u1	93
6) Benzaldehyde	6.869	77	176943	26.938	ng/u1	92
8) Phenol	6.928	94	345716	20.794	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.157	93	257280	19.347	ng/u1	98
12) 2-Chlorophenol	7.281	128	234895	17.878	ng/u1	98
13) 2-Methylphenol	8.175	108	232198	18.946	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.251	45	354068m	19.901	ng/u1	
16) Acetophenone	8.557	105	401373	20.901	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.540	70	210348	22.007	ng/u1	98
18) 4-Methylphenol	8.510	108	266806	20.338	ng/u1	97
19) Hexachloroethane	8.787	117	105366	19.169	ng/u1	89
22) Nitrobenzene	8.934	77	305171	17.068	ng/u1	99
23) Isophorone	9.457	82	633604	19.955	ng/u1	96
25) 2-Nitrophenol	9.639	139	160950	18.873	ng/u1	94
26) 2,4-Dimethylphenol	9.710	107	328179	19.243	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.945	93	392745	19.000	ng/u1	99
29) 2,4-Dichlorophenol	10.175	162	272716	19.490	ng/u1	98
30) Naphthalene	10.569	128	962131	18.418	ng/u1	99
32) 4-Chloroaniline	10.692	127	412088	19.108	ng/u1	98
33) Hexachlorobutadiene	10.845	225	168128	19.125	ng/u1	99
34) Caprolactam	11.486	113	84925	20.256	ng/u1	95
35) 4-Chloro-3-methylphenol	11.828	107	292850	20.699	ng/u1	98
36) 2-Methylnaphthalene	12.186	142	643198	19.625	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.404	142	655470	19.858	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.557	216	315242	18.192	ng/ul	99
40) Hexachlorocyclopentadiene	12.528	237	153096	14.892	ng/ul	97
41) 2,4,6-Trichlorophenol	12.810	196	212074	19.449	ng/ul	98
42) 2,4,5-Trichlorophenol	12.880	196	224448	19.406	ng/ul	99
43) 1,1'-Biphenyl	13.204	154	871487	18.482	ng/ul	98
44) 2-Chloronaphthalene	13.245	162	660748	18.261	ng/ul	99
45) 2-Nitroaniline	13.469	65	195943	19.999	ng/ul	97
47) Dimethylphthalate	13.839	163	794226	19.453	ng/ul	99
48) 2,6-Dinitrotoluene	13.969	165	157347	20.426	ng/ul	89
50) Acenaphthylene	14.092	152	1104130	18.927	ng/ul	100
51) 3-Nitroaniline	14.298	138	172062	20.425	ng/ul	99
52) Acenaphthene	14.433	153	714127	18.781	ng/ul	98
53) 2,4-Dinitrophenol	14.510	184	72885	17.362	ng/ul	93
55) 4-Nitrophenol	14.616	109	118352	19.931	ng/ul	81
56) Dibenzofuran	14.769	168	997368	18.904	ng/ul	96
57) 2,4-Dinitrotoluene	14.757	165	228178	20.887	ng/ul#	86
58) 2,3,4,6-Tetrachlorophenol	15.004	232	180574	20.562	ng/ul#	92
59) Diethylphthalate	15.204	149	830315	20.631	ng/ul	99
61) Fluorene	15.421	166	816251	19.505	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.421	204	385536	19.723	ng/ul	98
63) 4-Nitroaniline	15.463	138	172358m	21.933	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.516	198	114772	18.311	ng/ul	92
67) N-Nitrosodiphenylamine	15.639	169	667817	19.371	ng/ul	98
68) 4-Bromophenyl-phenylether	16.310	248	221427	19.831	ng/ul	96
69) Hexachlorobenzene	16.415	284	266624	19.704	ng/ul	96
70) Atrazine	16.592	200	238158	20.218	ng/ul	96
71) Pentachlorophenol	16.768	266	159706	21.409	ng/ul	100
72) Phenanthrene	17.157	178	1080714	17.048	ng/ul	98
74) Anthracene	17.251	178	1098594	17.286	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.169	216	326155	18.026	ng/uL	97
76) Pentachlorobenzene	14.686	250	318754	18.868	ng/uL	99
77) Carbazole	17.527	167	998622	16.782	ng/ul	99
78) Di-n-butylphthalate	18.092	149	1280408	19.673	ng/ul	99
80) Fluoranthene	19.180	202	1270360	18.970	ng/ul	97
82) Pyrene	19.545	202	1321494	18.910	ng/ul	95
83) Butylbenzylphthalate	20.451	149	576811	22.062	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.233	252	404881	18.406	ng/ul	98
85) Benzo(a)anthracene	21.292	228	1232152	19.194	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.227	149	892889	24.735	ng/ul	98
87) Chrysene	21.345	228	1181154	18.726	ng/ul	99
89) Di-n-octyl phthalate	22.121	149	1426290	23.449	ng/ul	100
90) Benzo(b)fluoranthene	22.903	252	1169723	18.751	ng/ul	98
91) Benzo(k)fluoranthene	22.944	252	1033573	17.415	ng/ul	98
93) Benzo(a)pyrene	23.497	252	1113557	18.145	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.962	276	1138784	15.782	ng/ul	95
95) Dibenzo(a,h)anthracene	25.974	278	993376	15.981	ng/ul	97
96) Benzo(g,h,i)perylene	26.685	276	942896	15.281	ng/ul	96

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

