

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090822\
 Data File : BM036529.D
 Acq On : 08 Sep 2022 13:26
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020171

Quant Time: Sep 08 14:06:37 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 09/09/2022
 Supervised By :mohammad ahmed 09/19/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	231817	20.000	ng/u1	0.00
20) Naphthalene-d8	10.510	136	1047057	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.368	164	693260	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.115	188	1590339	20.000	ng/u1	0.00
79) Chrysene-d12	21.309	240	1335223	20.000	ng/u1	0.00
88) Perylene-d12	23.597	264	1077602	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.128	96	41583	6.836	ng/uL	0.00
4) Pyridine-d5	3.551	84	301959	18.001	ng/u1	0.00
7) Phenol-d5	6.892	99	405104	20.473	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.057	67	261220	20.973	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.245	132	325055	20.908	ng/u1	-0.01
15) 4-Methylphenol-d8	8.439	113	269015	18.208	ng/u1	-0.01
21) Nitrobenzene-d5	8.886	128	141680	17.847	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.604	143	151440	18.807	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.145	165	271476	18.868	ng/u1	0.00
31) 4-Chloroaniline-d4	10.663	131	415149	18.612	ng/u1	-0.01
46) Dimethylphthalate-d6	13.792	166	832492	18.981	ng/u1	0.00
49) Acenaphthylene-d8	14.063	160	1007800	18.423	ng/u1	0.00
54) 4-Nitrophenol-d4	14.598	143	152995	18.410	ng/u1	0.00
60) Fluorene-d10	15.362	176	768051	19.380	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.498	200	138087	16.889	ng/u1	0.00
73) Anthracene-d10	17.215	188	1291562	18.265	ng/u1	0.00
81) Pyrene-d10	19.515	212	1382991	19.967	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.450	264	966194	18.287	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.163	88	46325	7.231	ng/uL	96
5) Pyridine	3.569	79	320834	18.515	ng/u1	97
6) Benzaldehyde	6.863	77	222336	27.354	ng/u1	90
8) Phenol	6.922	94	419051	20.369	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.151	93	339503	20.632	ng/u1	98
12) 2-Chlorophenol	7.281	128	333689	20.525	ng/u1	99
13) 2-Methylphenol	8.175	108	269238	17.754	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.257	45	416551m	18.921	ng/u1	
16) Acetophenone	8.551	105	440795	18.550	ng/u1	94
17) N-Nitroso-di-n-propyla...	8.533	70	232055	19.620	ng/u1	97
18) 4-Methylphenol	8.504	108	297974	18.356	ng/u1	99
19) Hexachloroethane	8.786	117	121625	17.882	ng/u1	91
22) Nitrobenzene	8.928	77	342030	18.184	ng/u1	97
23) Isophorone	9.457	82	641716	19.211	ng/u1	97
25) 2-Nitrophenol	9.639	139	164526	18.339	ng/u1	95
26) 2,4-Dimethylphenol	9.704	107	333511	18.589	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.939	93	392265	18.038	ng/u1	99
29) 2,4-Dichlorophenol	10.169	162	277431	18.846	ng/u1	99
30) Naphthalene	10.563	128	974843	17.739	ng/u1	99
32) 4-Chloroaniline	10.686	127	417730	18.412	ng/u1	99
33) Hexachlorobutadiene	10.839	225	175433	18.970	ng/u1	98
34) Caprolactam	11.480	113	87262m	19.784	ng/u1	
35) 4-Chloro-3-methylphenol	11.821	107	308546	20.730	ng/u1	99
36) 2-Methylnaphthalene	12.180	142	679288	19.701	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.404	142	688385	19.824	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.551	216	333683	17.414	ng/ul	99
40) Hexachlorocyclopentadiene	12.521	237	201938	17.764	ng/ul	97
41) 2,4,6-Trichlorophenol	12.804	196	223893	18.569	ng/ul	99
42) 2,4,5-Trichlorophenol	12.874	196	243784	19.061	ng/ul	99
43) 1,1'-Biphenyl	13.204	154	918372	17.613	ng/ul	100
44) 2-Chloronaphthalene	13.245	162	705536	17.634	ng/ul	99
45) 2-Nitroaniline	13.463	65	207052	19.111	ng/ul	94
47) Dimethylphthalate	13.839	163	850923	18.848	ng/ul	100
48) 2,6-Dinitrotoluene	13.963	165	170322	19.995	ng/ul#	85
50) Acenaphthylene	14.092	152	1175626	18.224	ng/ul	100
51) 3-Nitroaniline	14.298	138	181759	19.512	ng/ul	97
52) Acenaphthene	14.433	153	765037	18.195	ng/ul	97
53) 2,4-Dinitrophenol	14.510	184	90209	19.433	ng/ul	91
55) 4-Nitrophenol	14.610	109	128286	19.538	ng/ul	80
56) Dibenzofuran	14.768	168	1073720	18.404	ng/ul	96
57) 2,4-Dinitrotoluene	14.757	165	249796	20.678	ng/ul#	82
58) 2,3,4,6-Tetrachlorophenol	14.998	232	199078	20.501	ng/ul#	92
59) Diethylphthalate	15.204	149	911331	20.478	ng/ul	99
61) Fluorene	15.421	166	911349	19.695	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.415	204	435006	20.124	ng/ul	99
63) 4-Nitroaniline	15.457	138	191005m	21.981	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.515	198	139983	16.934	ng/ul#	93
67) N-Nitrosodiphenylamine	15.633	169	799622	17.587	ng/ul	98
68) 4-Bromophenyl-phenylether	16.309	248	268274	18.218	ng/ul	96
69) Hexachlorobenzene	16.415	284	321823	18.034	ng/ul	96
70) Atrazine	16.592	200	285280	18.364	ng/ul	97
71) Pentachlorophenol	16.768	266	197183	20.042	ng/ul	99
72) Phenanthrene	17.156	178	1500316	17.945	ng/ul	98
74) Anthracene	17.251	178	1532460	18.283	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.163	216	347739	14.573	ng/uL	98
76) Pentachlorobenzene	14.686	250	345494	15.506	ng/uL	99
77) Carbazole	17.527	167	1382181	17.612	ng/ul	99
78) Di-n-butylphthalate	18.092	149	1752006	20.411	ng/ul	99
80) Fluoranthene	19.180	202	1693871	20.236	ng/ul	98
82) Pyrene	19.545	202	1726859	19.769	ng/ul	97
83) Butylbenzylphthalate	20.450	149	740602	22.663	ng/ul	89
84) 3,3'-Dichlorobenzidine	21.233	252	485896	17.672	ng/ul	99
85) Benzo(a)anthracene	21.291	228	1460701	18.204	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.227	149	1102822	24.442	ng/ul#	98
87) Chrysene	21.344	228	1385160	17.569	ng/ul	99
89) Di-n-octyl phthalate	22.121	149	1633560	25.501	ng/ul	100
90) Benzo(b)fluoranthene	22.903	252	1272088	19.362	ng/ul	98
91) Benzo(k)fluoranthene	22.950	252	1153309	18.451	ng/ul	98
93) Benzo(a)pyrene	23.497	252	1164594	18.018	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.962	276	1228271	16.163	ng/ul	95
95) Dibenzo(a,h)anthracene	25.974	278	1060999	16.208	ng/ul	96
96) Benzo(g,h,i)perylene	26.685	276	1015617	15.628	ng/ul	97

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

