

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042122\
 Data File : BM034738.D
 Acq On : 21 Apr 2022 09:44
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020117

Quant Time: Apr 22 00:38:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM042122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 21 05:03:15 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 04/22/2022
 Supervised By :mohammad ahmed 04/26/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.945	152	200442	20.000	ng/u1	0.00
20) Naphthalene-d8	10.751	136	826761	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.580	164	519875	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.315	188	1025945	20.000	ng/u1	0.00
79) Chrysene-d12	21.492	240	983871	20.000	ng/u1	0.00
88) Perylene-d12	23.891	264	1127057	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	39176	8.588	ng/uL	0.00
4) Pyridine-d5	3.793	84	249558	22.039	ng/u1	0.00
7) Phenol-d5	7.104	99	330587	21.836	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.275	67	196432	23.136	ng/u1	0.00
11) 2-Chlorophenol-d4	7.475	132	284679	22.218	ng/u1	0.00
15) 4-Methylphenol-d8	8.651	113	268559	22.171	ng/u1	0.00
21) Nitrobenzene-d5	9.104	128	129494	21.441	ng/u1	0.00
24) 2-Nitrophenol-d4	9.828	143	135589	21.623	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.369	165	278454	21.081	ng/u1	0.00
31) 4-Chloroaniline-d4	10.880	131	380439	21.301	ng/u1	0.00
46) Dimethylphthalate-d6	13.986	166	799333	21.120	ng/u1	0.00
49) Acenaphthylene-d8	14.268	160	1043075	21.430	ng/u1	0.00
54) 4-Nitrophenol-d4	14.757	143	133004	20.935	ng/u1	0.00
60) Fluorene-d10	15.568	176	694068	21.194	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.674	200	107751	18.306	ng/u1	0.00
73) Anthracene-d10	17.415	188	1060529	21.228	ng/u1	0.00
81) Pyrene-d10	19.703	212	1148971	21.457	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.733	264	1235073	21.667	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.416	88	36985	8.296	ng/uL	97
5) Pyridine	3.816	79	264060	22.231	ng/u1	95
6) Benzaldehyde	7.081	77	178921	22.365	ng/u1	99
8) Phenol	7.128	94	329953	22.147	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.369	93	258092	22.445	ng/u1	99
12) 2-Chlorophenol	7.510	128	288815	22.269	ng/u1	98
13) 2-Methylphenol	8.386	108	252608	22.363	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.481	45	370004	23.913	ng/u1	97
16) Acetophenone	8.769	105	413566	22.285	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.757	70	204043	22.921	ng/u1	98
18) 4-Methylphenol	8.716	108	272085	22.265	ng/u1	98
19) Hexachloroethane	9.034	117	121378	22.338	ng/u1	100
22) Nitrobenzene	9.145	77	303803	22.282	ng/u1	98
23) Isophorone	9.675	82	538272	21.531	ng/u1	99
25) 2-Nitrophenol	9.857	139	150314	21.831	ng/u1	97
26) 2,4-Dimethylphenol	9.922	107	310853	21.452	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.163	93	339196	21.645	ng/u1	99
29) 2,4-Dichlorophenol	10.392	162	269600	20.924	ng/u1	98
30) Naphthalene	10.798	128	900794	21.322	ng/u1	99
32) 4-Chloroaniline	10.904	127	379686	21.416	ng/u1	100
33) Hexachlorobutadiene	11.098	225	187034	20.091	ng/u1	98
34) Caprolactam	11.669	113	67507m	21.016	ng/u1	
35) 4-Chloro-3-methylphenol	12.027	107	268071	21.958	ng/u1	99
36) 2-Methylnaphthalene	12.410	142	628947	21.481	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.627	142	632978	21.483	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.780	216	331896	20.050	ng/ul	98
40) Hexachlorocyclopentadiene	12.769	237	221912	18.517	ng/ul	100
41) 2,4,6-Trichlorophenol	13.010	196	209707	21.062	ng/ul	95
42) 2,4,5-Trichlorophenol	13.080	196	227134	21.322	ng/ul	97
43) 1,1'-Biphenyl	13.416	154	844216	21.009	ng/ul	99
44) 2-Chloronaphthalene	13.457	162	649258	20.746	ng/ul	99
45) 2-Nitroaniline	13.651	65	156917	23.257	ng/ul	99
47) Dimethylphthalate	14.033	163	792763	21.395	ng/ul	99
48) 2,6-Dinitrotoluene	14.145	165	149925	22.449	ng/ul	96
50) Acenaphthylene	14.298	152	1031738	21.256	ng/ul	98
51) 3-Nitroaniline	14.468	138	99342	16.746	ng/ul	94
52) Acenaphthene	14.639	153	683013	21.352	ng/ul	100
53) 2,4-Dinitrophenol	14.674	184	71786	18.446	ng/ul	94
55) 4-Nitrophenol	14.768	109	114737	22.756	ng/ul	95
56) Dibenzofuran	14.974	168	966310	21.233	ng/ul	97
57) 2,4-Dinitrotoluene	14.927	165	212677	22.675	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.198	232	179963	21.237	ng/ul	99
59) Diethylphthalate	15.404	149	794499	21.873	ng/ul	99
61) Fluorene	15.621	166	784270	21.410	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.621	204	394383	20.934	ng/ul	99
63) 4-Nitroaniline	15.627	138	80950	15.555	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.692	198	114438	19.383	ng/ul#	94
67) N-Nitrosodiphenylamine	15.827	169	671615	21.282	ng/ul	98
68) 4-Bromophenyl-phenylether	16.509	248	231588	20.532	ng/ul	97
69) Hexachlorobenzene	16.627	284	262796	20.391	ng/ul	99
70) Atrazine	16.780	200	235758	20.313	ng/ul	97
71) Pentachlorophenol	16.968	266	152635	18.239	ng/ul	97
72) Phenanthrene	17.362	178	1198904	21.252	ng/ul	100
74) Anthracene	17.451	178	1222217	21.307	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.380	216	339165	19.635	ng/uL	99
76) Pentachlorobenzene	14.898	250	317612	19.947	ng/uL	99
77) Carbazole	17.715	167	1072709	21.400	ng/ul	100
78) Di-n-butylphthalate	18.298	149	1308295	22.866	ng/ul	100
80) Fluoranthene	19.368	202	1345551	21.492	ng/ul	99
82) Pyrene	19.733	202	1385209	21.483	ng/ul	99
83) Butylbenzylphthalate	20.639	149	549124	24.298	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.409	252	377605	18.708	ng/ul	99
85) Benzo(a)anthracene	21.474	228	1317481	21.536	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.421	149	864668	24.132	ng/ul	99
87) Chrysene	21.527	228	1271048	21.131	ng/ul	100
89) Di-n-octyl phthalate	22.350	149	1386147	21.696	ng/ul	100
90) Benzo(b)fluoranthene	23.162	252	1523262m	22.112	ng/ul	
91) Benzo(k)fluoranthene	23.209	252	1418095	21.683	ng/ul	98
93) Benzo(a)pyrene	23.785	252	1477485	21.395	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.379	276	1712301	20.546	ng/ul	99
95) Dibenzo(a,h)anthracene	26.391	278	1481601	20.559	ng/ul	100
96) Benzo(g,h,i)perylene	27.138	276	1443838	20.489	ng/ul	99

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

