

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020122\
 Data File : BM033932.D
 Acq On : 01 Feb 2022 10:05
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020087

Quant Time: Feb 01 23:56:44 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM013122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 01 02:16:28 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/02/2022
 Supervised By :Yogesh Patel 02/04/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.925	152	112468	20.000	ng/u1	0.00
20) Naphthalene-d8	10.742	136	510747	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.565	164	343045	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.301	188	695006	20.000	ng/u1	0.00
79) Chrysene-d12	21.465	240	543670	20.000	ng/u1	0.00
88) Perylene-d12	23.859	264	493188	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.290	96	23381	8.199	ng/uL	0.00
4) Pyridine-d5	3.713	84	158595	19.925	ng/u1	0.00
7) Phenol-d5	7.084	99	198500	21.067	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.248	67	125502	21.848	ng/u1	0.00
11) 2-Chlorophenol-d4	7.454	132	161665	21.416	ng/u1	0.00
15) 4-Methylphenol-d8	8.636	113	166724	22.331	ng/u1	0.00
21) Nitrobenzene-d5	9.089	128	81593	19.909	ng/u1	0.00
24) 2-Nitrophenol-d4	9.819	143	90862	20.531	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.360	165	165996	20.727	ng/u1	0.00
31) 4-Chloroaniline-d4	10.872	131	232423	21.016	ng/u1	0.00
46) Dimethylphthalate-d6	13.977	166	528536	20.618	ng/u1	0.00
49) Acenaphthylene-d8	14.260	160	638146	20.321	ng/u1	0.00
54) 4-Nitrophenol-d4	14.754	143	88940	20.308	ng/u1	0.00
60) Fluorene-d10	15.554	176	437068	20.419	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.671	200	83061	19.037	ng/u1	0.00
73) Anthracene-d10	17.401	188	675119	20.284	ng/u1	0.00
81) Pyrene-d10	19.683	212	694350	21.633	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.700	264	525800	20.298	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.325	88	24819	7.976	ng/uL#	84
5) Pyridine	3.737	79	169514	20.632	ng/u1	87
6) Benzaldehyde	7.054	77	135573	23.831	ng/u1#	82
8) Phenol	7.113	94	207775	21.503	ng/u1#	84
10) Bis(2-Chloroethyl)ether	7.342	93	166028	21.754	ng/u1	90
12) 2-Chlorophenol	7.489	128	165711	20.952	ng/u1#	88
13) 2-Methylphenol	8.372	108	158707	21.747	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.460	45	227205	22.115	ng/u1	96
16) Acetophenone	8.754	105	272702	23.008	ng/u1#	86
17) N-Nitroso-di-n-propyla...	8.742	70	139765	23.226	ng/u1#	89
18) 4-Methylphenol	8.701	108	174575	22.422	ng/u1	97
19) Hexachloroethane	9.019	117	72212	21.043	ng/u1	87
22) Nitrobenzene	9.131	77	204550	20.161	ng/u1	92
23) Isophorone	9.666	82	384153	21.097	ng/u1	97
25) 2-Nitrophenol	9.848	139	98829	20.813	ng/u1#	82
26) 2,4-Dimethylphenol	9.907	107	214423	20.702	ng/u1	92
27) Bis(2-Chloroethoxy)met...	10.148	93	231692	20.467	ng/u1	98
29) 2,4-Dichlorophenol	10.383	162	165916	20.735	ng/u1	97
30) Naphthalene	10.789	128	567931	20.102	ng/u1	99
32) 4-Chloroaniline	10.895	127	237363	21.138	ng/u1	97
33) Hexachlorobutadiene	11.083	225	116403	19.659	ng/u1	97
34) Caprolactam	11.666	113	52491	23.050	ng/u1	82
35) 4-Chloro-3-methylphenol	12.019	107	200402	21.856	ng/u1	90
36) 2-Methylnaphthalene	12.401	142	390509	20.980	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.619	142	399813	20.954	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.771	216	205838	18.866	ng/ul	98
40) Hexachlorocyclopentadiene	12.754	237	139001	17.270	ng/ul	99
41) 2,4,6-Trichlorophenol	13.007	196	132659	19.526	ng/ul	97
42) 2,4,5-Trichlorophenol	13.077	196	144242	20.014	ng/ul	92
43) 1,1'-Biphenyl	13.407	154	538248	19.573	ng/ul	98
44) 2-Chloronaphthalene	13.448	162	406520	19.607	ng/ul	97
45) 2-Nitroaniline	13.642	65	128733m	21.099	ng/ul	
47) Dimethylphthalate	14.024	163	529905	20.581	ng/ul	99
48) 2,6-Dinitrotoluene	14.136	165	104854	21.337	ng/ul	93
50) Acenaphthylene	14.289	152	672578	20.088	ng/ul	99
51) 3-Nitroaniline	14.465	138	105059	21.656	ng/ul	87
52) Acenaphthene	14.630	153	441728	20.152	ng/ul	96
53) 2,4-Dinitrophenol	14.671	184	56532	18.852	ng/ul#	83
55) 4-Nitrophenol	14.765	109	85894	20.316	ng/ul	86
56) Dibenzofuran	14.965	168	625343	20.272	ng/ul	98
57) 2,4-Dinitrotoluene	14.918	165	150907	21.523	ng/ul	84
58) 2,3,4,6-Tetrachlorophenol	15.189	232	123437	20.817	ng/ul#	99
59) Diethylphthalate	15.383	149	548657	20.922	ng/ul	99
61) Fluorene	15.612	166	507575	20.560	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.601	204	257313	20.405	ng/ul	97
63) 4-Nitroaniline	15.618	138	105547	22.554	ng/ul	88
66) 4,6-Dinitro-2-methylph...	15.683	198	82514	18.927	ng/ul	95
67) N-Nitrosodiphenylamine	15.812	169	429081	19.895	ng/ul	99
68) 4-Bromophenyl-phenylether	16.495	248	148709	19.803	ng/ul	98
69) Hexachlorobenzene	16.612	284	171358	19.957	ng/ul	96
70) Atrazine	16.759	200	162602	20.036	ng/ul	96
71) Pentachlorophenol	16.954	266	102850	18.676	ng/ul	96
72) Phenanthrene	17.342	178	780922	19.982	ng/ul	99
74) Anthracene	17.436	178	795668	20.258	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.371	216	226748	18.668	ng/uL	98
76) Pentachlorobenzene	14.883	250	207504	19.164	ng/uL	99
77) Carbazole	17.701	167	690349	19.857	ng/ul	98
78) Di-n-butylphthalate	18.271	149	863244	19.969	ng/ul	98
80) Fluoranthene	19.353	202	847450	22.057	ng/ul	100
82) Pyrene	19.712	202	853455	21.734	ng/ul	99
83) Butylbenzylphthalate	20.606	149	330876	20.680	ng/ul	87
84) 3,3'-Dichlorobenzidine	21.383	252	229746	21.236	ng/ul	95
85) Benzo(a)anthracene	21.453	228	713194	20.249	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.383	149	456041	19.545	ng/ul	99
87) Chrysene	21.500	228	690854	20.072	ng/ul	99
89) Di-n-octyl phthalate	22.300	149	715085	20.023	ng/ul	100
90) Benzo(b)fluoranthene	23.124	252	696313	20.785	ng/ul	99
91) Benzo(k)fluoranthene	23.177	252	618139	20.098	ng/ul	99
93) Benzo(a)pyrene	23.753	252	647320	20.434	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.353	276	736906	20.125	ng/ul	97
95) Dibenzo(a,h)anthracene	26.365	278	637846	20.125	ng/ul	98
96) Benzo(g,h,i)perylene	27.123	276	624579	20.286	ng/ul	99

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

