

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060421\
 Data File : BM030288.D
 Acq On : 03 Jun 2021 20:17
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020048

Manual Integrations
 APPROVED

mohammad
 6/4/2021 2:47:38 PM

Quant Time: Jun 04 03:20:34 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM052621.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 03 16:38:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	203567	20.000	ng/u1	0.00
20) Naphthalene-d8	10.645	136	919096	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.480	164	621141	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.215	188	1297921	20.000	ng/u1	0.00
79) Chrysene-d12	21.374	240	1234254	20.000	ng/u1	0.00
88) Perylene-d12	23.656	264	1018948	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	40128	8.068	ng/uL	0.00
4) Pyridine-d5	3.734	84	260958	18.714	ng/u1	0.00
7) Phenol-d5	7.010	99	351415	19.634	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.187	67	227342	20.123	ng/u1	0.00
11) 2-Chlorophenol-d4	7.387	132	269798	20.123	ng/u1	0.00
15) 4-Methylphenol-d8	8.551	113	281453	19.804	ng/u1	0.00
21) Nitrobenzene-d5	9.010	128	128056	21.346	ng/u1	0.00
24) 2-Nitrophenol-d4	9.733	143	123849	21.676	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.263	165	288917	19.597	ng/u1	0.00
31) 4-Chloroaniline-d4	10.780	131	407132	18.595	ng/u1	0.00
46) Dimethylphthalate-d6	13.886	166	881084	18.554	ng/u1	0.00
49) Acenaphthylene-d8	14.174	160	1148041	18.755	ng/u1	0.00
54) 4-Nitrophenol-d4	14.663	143	151705	19.769	ng/u1	0.00
60) Fluorene-d10	15.468	176	783606	18.904	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.580	200	124610	19.804	ng/u1	0.00
73) Anthracene-d10	17.309	188	1221491	19.015	ng/u1	0.00
81) Pyrene-d10	19.598	212	1330572	20.112	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.509	264	1093609	18.934	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.357	88	43614	8.152	ng/uL	95
5) Pyridine	3.752	79	270801	18.911	ng/u1	99
6) Benzaldehyde	6.998	77	228044	23.878	ng/u1	96
8) Phenol	7.040	94	364101	20.025	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.281	93	293277	20.095	ng/u1	98
12) 2-Chlorophenol	7.422	128	277921	20.243	ng/u1	99
13) 2-Methylphenol	8.287	108	266462	19.381	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.387	45	473376	19.519	ng/u1	99
16) Acetophenone	8.675	105	467255	20.342	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.663	70	244061	20.142	ng/u1	96
18) 4-Methylphenol	8.616	108	297887	20.122	ng/u1	99
19) Hexachloroethane	8.939	117	113799	19.359	ng/u1	96
22) Nitrobenzene	9.051	77	335408	20.652	ng/u1	99
23) Isophorone	9.575	82	622745	18.185	ng/u1	100
25) 2-Nitrophenol	9.763	139	143811	22.292	ng/u1	99
26) 2,4-Dimethylphenol	9.816	107	329298	19.185	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.057	93	411621	19.611	ng/u1	99
29) 2,4-Dichlorophenol	10.292	162	278124	19.548	ng/u1	99
30) Naphthalene	10.698	128	956805	18.975	ng/u1	100
32) 4-Chloroaniline	10.804	127	432024	19.060	ng/u1	100
33) Hexachlorobutadiene	10.986	225	172194	17.762	ng/u1	98
34) Caprolactam	11.569	113	79850m	18.376	ng/u1	
35) 4-Chloro-3-methylphenol	11.916	107	294719	19.761	ng/u1	99
36) 2-Methylnaphthalene	12.304	142	715940	18.988	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.522	142	701822	19.146	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.674	216	371184	18.418	ng/ul	97
40) Hexachlorocyclopentadiene	12.657	237	222553	15.759	ng/ul	99
41) 2,4,6-Trichlorophenol	12.910	196	221691	19.599	ng/ul	97
42) 2,4,5-Trichlorophenol	12.980	196	248916	20.340	ng/ul	99
43) 1,1'-Biphenyl	13.316	154	932686	18.828	ng/ul	99
44) 2-Chloronaphthalene	13.357	162	714113	18.753	ng/ul	99
45) 2-Nitroaniline	13.557	65	190905	21.824	ng/ul	94
47) Dimethylphthalate	13.933	163	890642	18.987	ng/ul	100
48) 2,6-Dinitrotoluene	14.051	165	161619	21.619	ng/ul	100
50) Acenaphthylene	14.204	152	1115640	18.874	ng/ul	100
51) 3-Nitroaniline	14.380	138	183628	21.075	ng/ul#	93
52) Acenaphthene	14.545	153	787594	18.862	ng/ul	100
53) 2,4-Dinitrophenol	14.580	184	132032	28.131	ng/ul	91
55) 4-Nitrophenol	14.674	109	137258	16.291	ng/ul	99
56) Dibenzofuran	14.874	168	1099058	19.017	ng/ul	100
57) 2,4-Dinitrotoluene	14.833	165	240892	22.218	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.098	232	210237	20.344	ng/ul	97
59) Diethylphthalate	15.298	149	907198	19.093	ng/ul	100
61) Fluorene	15.521	166	936235	19.094	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.515	204	456660	18.994	ng/ul	98
63) 4-Nitroaniline	15.539	138	195012	21.767	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.598	198	129184	19.903	ng/ul	99
67) N-Nitrosodiphenylamine	15.727	169	798256	18.856	ng/ul	100
68) 4-Bromophenyl-phenylether	16.410	248	262992	18.003	ng/ul	99
69) Hexachlorobenzene	16.527	284	297120	17.793	ng/ul	97
70) Atrazine	16.674	200	267225	17.598	ng/ul	99
71) Pentachlorophenol	16.862	266	170052	16.675	ng/ul	98
72) Phenanthrene	17.257	178	1454203	19.118	ng/ul	99
74) Anthracene	17.345	178	1496096	19.175	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.280	216	388663	18.354	ng/ul	99
76) Pentachlorobenzene	14.798	250	352874	17.964	ng/ul	99
77) Carbazole	17.609	167	1324198	18.729	ng/ul	99
78) Di-n-butylphthalate	18.174	149	1503004	19.138	ng/ul	100
80) Fluoranthene	19.262	202	1646432	20.358	ng/ul	100
82) Pyrene	19.627	202	1745507	20.650	ng/ul	99
83) Butylbenzylphthalate	20.515	149	594997	20.623	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.286	252	485499	18.579	ng/ul	98
85) Benzo(a)anthracene	21.356	228	1589453	19.546	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.286	149	912136	19.702	ng/ul	99
87) Chrysene	21.409	228	1513396	19.119	ng/ul	100
89) Di-n-octyl phthalate	22.174	149	1368828	20.893	ng/ul	100
90) Benzo(b)fluoranthene	22.968	252	1413986	20.708	ng/ul	99
91) Benzo(k)fluoranthene	23.015	252	1324316	19.667	ng/ul	99
93) Benzo(a)pyrene	23.556	252	1168357	19.385	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	25.985	276	1326967	17.577	ng/ul	98
95) Dibenzo(a,h)anthracene	25.991	278	1120579	17.754	ng/ul	98
96) Benzo(g,h,i)perylene	26.691	276	1061456	17.209	ng/ul	97

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

