

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060221\
 Data File : BM030262.D
 Acq On : 02 Jun 2021 16:50
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020045

Manual Integrations
 APPROVED

mohammad
 6/3/2021 11:06:13 AM

Quant Time: Jun 02 17:27:54 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM052621.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 02 17:27:46 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	201387	20.00	ng/ul	0.00
20) Naphthalene-d8	10.651	136	828989	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.486	164	500956	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.215	188	946174	20.00	ng/ul	0.00
79) Chrysene-d12	21.374	240	875775	20.00	ng/ul	0.00
88) Perylene-d12	23.662	264	854566	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	38677	7.86	ng/uL	0.00
4) Pyridine-d5	3.734	84	252389	18.30	ng/ul	0.00
7) Phenol-d5	7.016	99	332197	18.76	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.192	67	216782	19.40	ng/ul	0.00
11) 2-Chlorophenol-d4	7.392	132	257473	19.41	ng/ul	0.00
15) 4-Methylphenol-d8	8.557	113	257470	18.31	ng/ul	0.00
21) Nitrobenzene-d5	9.016	128	115394	21.33	ng/ul	0.00
24) 2-Nitrophenol-d4	9.733	143	110526	21.45	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.269	165	254298	19.12	ng/ul	0.00
31) 4-Chloroaniline-d4	10.780	131	352674	17.86	ng/ul	0.00
46) Dimethylphthalate-d6	13.886	166	681927	17.81	ng/ul	0.00
49) Acenaphthylene-d8	14.174	160	923726	18.71	ng/ul	0.00
54) 4-Nitrophenol-d4	14.663	143	111811	18.07	ng/ul	0.00
60) Fluorene-d10	15.468	176	608753	18.21	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.580	200	88834	19.37	ng/ul	0.00
73) Anthracene-d10	17.315	188	887020	18.94	ng/ul	0.00
81) Pyrene-d10	19.598	212	920799	19.61	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.515	264	910799	18.80	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.357	88	42525	8.03	ng/uL	98
5) Pyridine	3.757	79	266328	18.80	ng/ul	99
6) Benzaldehyde	7.004	77	219044	23.18	ng/ul	98
8) Phenol	7.040	94	341616	18.99	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.281	93	280231	19.41	ng/ul	98
12) 2-Chlorophenol	7.422	128	268465	19.77	ng/ul	98
13) 2-Methylphenol	8.292	108	248311	18.26	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.381	45	446179	18.60	ng/ul	99
16) Acetophenone	8.681	105	420222	18.49	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.663	70	218165	18.20	ng/ul	97
18) 4-Methylphenol	8.616	108	272681	18.62	ng/ul	98
19) Hexachloroethane	8.939	117	110790	19.05	ng/ul	92
22) Nitrobenzene	9.057	77	309287	21.11	ng/ul	98
23) Isophorone	9.581	82	544149	17.62	ng/ul	98
25) 2-Nitrophenol	9.769	139	128481	22.08	ng/ul	97
26) 2,4-Dimethylphenol	9.822	107	296033	19.12	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.063	93	370238	19.56	ng/ul	99
29) 2,4-Dichlorophenol	10.292	162	246517	19.21	ng/ul	98
30) Naphthalene	10.704	128	865265	19.02	ng/ul	100
32) 4-Chloroaniline	10.804	127	372264	18.21	ng/ul	98
33) Hexachlorobutadiene	10.986	225	159920	18.29	ng/ul	98
34) Caprolactam	11.575	113	57158m	14.58	ng/ul	
35) 4-Chloro-3-methylphenol	11.922	107	243166	18.08	ng/ul	99
36) 2-Methylnaphthalene	12.310	142	616404	18.12	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.527	142	605728	18.32	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.674	216	317683	19.54	ng/ul	98
40) Hexachlorocyclopentadiene	12.663	237	197317	17.32	ng/ul	98
41) 2,4,6-Trichlorophenol	12.916	196	183126	20.07	ng/ul	98
42) 2,4,5-Trichlorophenol	12.980	196	200141	20.28	ng/ul	98
43) 1,1'-Biphenyl	13.316	154	782420	19.58	ng/ul	99
44) 2-Chloronaphthalene	13.357	162	605079	19.70	ng/ul	99
45) 2-Nitroaniline	13.557	65	147524	20.91	ng/ul	96
47) Dimethylphthalate	13.939	163	686775	18.15	ng/ul	98
48) 2,6-Dinitrotoluene	14.057	165	121702	20.19	ng/ul	94
50) Acenaphthylene	14.204	152	903074	18.94	ng/ul	100
51) 3-Nitroaniline	14.380	138	135694	19.31	ng/ul#	96
52) Acenaphthene	14.545	153	632715	18.79	ng/ul	99
53) 2,4-Dinitrophenol	14.586	184	96889	25.60	ng/ul	97
55) 4-Nitrophenol	14.674	109	100875	14.84	ng/ul	97
56) Dibenzofuran	14.880	168	874837	18.77	ng/ul	99
57) 2,4-Dinitrotoluene	14.839	165	168866	19.31	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.104	232	156209	18.74	ng/ul	97
59) Diethylphthalate	15.298	149	660402	17.23	ng/ul	99
61) Fluorene	15.527	166	727592	18.40	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.521	204	357997	18.46	ng/ul	98
63) 4-Nitroaniline	15.539	138	139397	19.29	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.598	198	88830	18.77	ng/ul	100
67) N-Nitrosodiphenylamine	15.733	169	608654	19.72	ng/ul	100
68) 4-Bromophenyl-phenylether	16.410	248	196229	18.43	ng/ul	97
69) Hexachlorobenzene	16.527	284	221466	18.19	ng/ul	96
70) Atrazine	16.674	200	185748	16.78	ng/ul	99
71) Pentachlorophenol	16.868	266	121353	16.32	ng/ul	97
72) Phenanthrene	17.257	178	1069641	19.29	ng/ul	100
74) Anthracene	17.351	178	1090959	19.18	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.286	216	322335	20.88	ng/uL	98
76) Pentachlorobenzene	14.804	250	284262	19.85	ng/uL	98
77) Carbazole	17.615	167	945730	18.35	ng/ul	100
78) Di-n-butylphthalate	18.180	149	997020	17.41	ng/ul	99
80) Fluoranthene	19.262	202	1139028	19.85	ng/ul	99
82) Pyrene	19.627	202	1205416	20.10	ng/ul	98
83) Butylbenzylphthalate	20.515	149	379533	18.54	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.292	252	357232	19.27	ng/ul	98
85) Benzo(a)anthracene	21.362	228	1121480	19.44	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.292	149	593039	18.05	ng/ul	99
87) Chrysene	21.409	228	1087308	19.36	ng/ul	99
89) Di-n-octyl phthalate	22.174	149	990632	18.03	ng/ul	100
90) Benzo(b)fluoranthene	22.968	252	1080767	18.87	ng/ul	99
91) Benzo(k)fluoranthene	23.015	252	1108767	19.63	ng/ul	99
93) Benzo(a)pyrene	23.562	252	979422	19.38	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.991	276	1275038	20.14	ng/ul	97
95) Dibenzo(a,h)anthracene	25.997	278	1077468	20.36	ng/ul	98
96) Benzo(g,h,i)perylene	26.703	276	1039987	20.10	ng/ul	97

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

