

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070621\
 Data File : BM030838.D
 Acq On : 07 Jul 2021 03:02
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020019

Manual Integrations
 APPROVED

mohammad
 7/7/2021 6:12:37 PM

Quant Time: Jul 07 04:51:30 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 07 02:00:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	99777	20.00	ng/ul	0.00
20) Naphthalene-d8	10.545	136	416418	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.392	164	265813	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.133	188	507643	20.00	ng/ul	0.00
79) Chrysene-d12	21.303	240	400575	20.00	ng/ul	0.00
88) Perylene-d12	23.544	264	393507	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.257	96	18771	7.35	ng/uL	0.00
4) Pyridine-d5	3.669	84	122968	18.42	ng/ul	0.00
7) Phenol-d5	6.934	99	160472	18.41	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.098	67	104831	18.67	ng/ul	0.00
11) 2-Chlorophenol-d4	7.298	132	131540	19.67	ng/ul	0.00
15) 4-Methylphenol-d8	8.469	113	130890	18.73	ng/ul	0.00
21) Nitrobenzene-d5	8.922	128	62781	20.27	ng/ul	0.00
24) 2-Nitrophenol-d4	9.639	143	67952	20.05	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.169	165	132321	20.29	ng/ul	0.00
31) 4-Chloroaniline-d4	10.686	131	176864	19.10	ng/ul	0.00
46) Dimethylphthalate-d6	13.804	166	374569	20.13	ng/ul	0.00
49) Acenaphthylene-d8	14.086	160	475956	20.25	ng/ul	0.00
54) 4-Nitrophenol-d4	14.598	143	58122	17.95	ng/ul	0.00
60) Fluorene-d10	15.386	176	323047	19.71	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.510	200	51903	15.95	ng/ul	0.00
73) Anthracene-d10	17.233	188	467658	19.77	ng/ul	0.00
81) Pyrene-d10	19.521	212	446126	20.19	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.403	264	397669	19.58	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.293	88	20371	7.74	ng/uL	95
5) Pyridine	3.693	79	133384	18.32	ng/ul	98
6) Benzaldehyde	6.916	77	107175m	23.89	ng/ul	
8) Phenol	6.957	94	165237	18.49	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.192	93	131368	18.87	ng/ul	99
12) 2-Chlorophenol	7.328	128	131924	19.69	ng/ul	99
13) 2-Methylphenol	8.204	108	120997	18.63	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.298	45	219539	19.15	ng/ul	98
16) Acetophenone	8.587	105	204640	18.61	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.569	70	107739	19.73	ng/ul	96
18) 4-Methylphenol	8.528	108	133180	18.68	ng/ul	96
19) Hexachloroethane	8.834	117	56592	20.07	ng/ul	96
22) Nitrobenzene	8.963	77	161097	20.23	ng/ul	97
23) Isophorone	9.486	82	284561	20.48	ng/ul	99
25) 2-Nitrophenol	9.669	139	73415	20.21	ng/ul	94
26) 2,4-Dimethylphenol	9.728	107	152977	20.30	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.963	93	178718	20.32	ng/ul	97
29) 2,4-Dichlorophenol	10.198	162	127247	20.12	ng/ul	99
30) Naphthalene	10.598	128	414986	19.82	ng/ul	99
32) 4-Chloroaniline	10.710	127	174750	18.81	ng/ul	100
33) Hexachlorobutadiene	10.880	225	86863	20.20	ng/ul	98
34) Caprolactam	11.498	113	34516m	18.86	ng/ul	
35) 4-Chloro-3-methylphenol	11.833	107	130321	20.33	ng/ul	98
36) 2-Methylnaphthalene	12.210	142	301289	20.18	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.427	142	302581	19.99	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.580	216	162028	20.09	ng/ul	99
40) Hexachlorocyclopentadiene	12.557	237	82509	16.83	ng/ul	96
41) 2,4,6-Trichlorophenol	12.822	196	102776	20.20	ng/ul	98
42) 2,4,5-Trichlorophenol	12.898	196	109741	20.35	ng/ul	98
43) 1,1'-Biphenyl	13.227	154	388091	20.04	ng/ul	99
44) 2-Chloronaphthalene	13.269	162	300779	19.84	ng/ul	99
45) 2-Nitroaniline	13.474	65	87714	20.59	ng/ul	97
47) Dimethylphthalate	13.851	163	365532	20.05	ng/ul	100
48) 2,6-Dinitrotoluene	13.974	165	71617	20.40	ng/ul	99
50) Acenaphthylene	14.116	152	438526	19.97	ng/ul	99
51) 3-Nitroaniline	14.304	138	72058	19.64	ng/ul	98
52) Acenaphthene	14.457	153	320558	20.01	ng/ul	100
53) 2,4-Dinitrophenol	14.516	184	30756	14.70	ng/ul	98
55) 4-Nitrophenol	14.610	109	48796	17.75	ng/ul	98
56) Dibenzofuran	14.792	168	448079	19.86	ng/ul	99
57) 2,4-Dinitrotoluene	14.763	165	100893	20.61	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.021	232	88914	19.83	ng/ul#	98
59) Diethylphthalate	15.216	149	365938	20.22	ng/ul	99
61) Fluorene	15.439	166	366372	19.72	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.433	204	184136	19.69	ng/ul	98
63) 4-Nitroaniline	15.468	138	72506	20.75	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.527	198	50241	15.99	ng/ul	99
67) N-Nitrosodiphenylamine	15.651	169	304371	20.11	ng/ul	99
68) 4-Bromophenyl-phenylether	16.327	248	107335	20.08	ng/ul	97
69) Hexachlorobenzene	16.445	284	120169	19.80	ng/ul	99
70) Atrazine	16.598	200	102695	19.05	ng/ul	99
71) Pentachlorophenol	16.786	266	62292	16.89	ng/ul	98
72) Phenanthrene	17.174	178	531962	19.64	ng/ul	100
74) Anthracene	17.268	178	542395	19.49	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.192	216	159285	20.24	ng/uL	99
76) Pentachlorobenzene	14.716	250	155476	20.19	ng/uL	97
77) Carbazole	17.539	167	449190	18.57	ng/ul	100
78) Di-n-butylphthalate	18.098	149	542558	19.46	ng/ul	99
80) Fluoranthene	19.186	202	554868	20.37	ng/ul	99
82) Pyrene	19.551	202	572058	20.26	ng/ul	99
83) Butylbenzylphthalate	20.445	149	194668	20.17	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.221	252	150023	20.52	ng/ul	97
85) Benzo(a)anthracene	21.286	228	494620	19.75	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.215	149	279122	19.62	ng/ul	99
87) Chrysene	21.339	228	479845	19.47	ng/ul	100
89) Di-n-octyl phthalate	22.092	149	438390	17.94	ng/ul	100
90) Benzo(b)fluoranthene	22.868	252	490475	19.35	ng/ul	100
91) Benzo(k)fluoranthene	22.915	252	476524	19.34	ng/ul	99
93) Benzo(a)pyrene	23.444	252	440431	19.63	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.815	276	579015	20.76	ng/ul	99
95) Dibenzo(a,h)anthracene	25.827	278	477952	20.43	ng/ul	99
96) Benzo(g,h,i)perylene	26.515	276	473625	21.18	ng/ul	100

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

