

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070621\
 Data File : BM030853.D
 Acq On : 07 Jul 2021 12:46
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020020

Manual Integrations
 APPROVED

mohammad
 7/7/2021 6:13:37 PM

Quant Time: Jul 07 13:30:51 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 06 14:32:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	91662	20.00	ng/ul	0.00
20) Naphthalene-d8	10.546	136	388657	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.392	164	244939	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.133	188	452814	20.00	ng/ul	0.00
79) Chrysene-d12	21.304	240	344278	20.00	ng/ul	0.00
88) Perylene-d12	23.551	264	348185	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	17814	7.59	ng/uL	0.00
4) Pyridine-d5	3.675	84	114877	18.73	ng/ul	0.00
7) Phenol-d5	6.934	99	149658	18.69	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.099	67	99390	19.27	ng/ul	0.00
11) 2-Chlorophenol-d4	7.299	132	122749	19.98	ng/ul	0.00
15) 4-Methylphenol-d8	8.463	113	120202	18.73	ng/ul	0.00
21) Nitrobenzene-d5	8.916	128	58097	20.10	ng/ul	0.00
24) 2-Nitrophenol-d4	9.640	143	62415	19.73	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.169	165	122740	20.17	ng/ul	0.00
31) 4-Chloroaniline-d4	10.687	131	164939	19.08	ng/ul	0.00
46) Dimethylphthalate-d6	13.804	166	340182	19.84	ng/ul	0.00
49) Acenaphthylene-d8	14.086	160	433670	20.02	ng/ul	0.00
54) 4-Nitrophenol-d4	14.592	143	48166	16.14	ng/ul	0.00
60) Fluorene-d10	15.381	176	293779	19.46	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.510	200	45157	15.55	ng/ul	0.00
73) Anthracene-d10	17.233	188	418238	19.82	ng/ul	0.00
81) Pyrene-d10	19.521	212	388927	20.48	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.404	264	352626	19.62	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.293	88	18521	7.66	ng/uL	96
5) Pyridine	3.693	79	123336	18.44	ng/ul	95
6) Benzaldehyde	6.910	77	98979m	24.02	ng/ul	
8) Phenol	6.958	94	154349	18.80	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.193	93	121527	19.00	ng/ul	96
12) 2-Chlorophenol	7.328	128	124383	20.21	ng/ul	99
13) 2-Methylphenol	8.205	108	113335	18.99	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.293	45	206164	19.58	ng/ul	98
16) Acetophenone	8.587	105	192668	19.07	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.569	70	101043	20.14	ng/ul	98
18) 4-Methylphenol	8.528	108	124237	18.97	ng/ul	94
19) Hexachloroethane	8.834	117	51982	20.07	ng/ul	95
22) Nitrobenzene	8.963	77	151666	20.41	ng/ul	96
23) Isophorone	9.487	82	258837	19.95	ng/ul	99
25) 2-Nitrophenol	9.669	139	68028	20.06	ng/ul	93
26) 2,4-Dimethylphenol	9.728	107	141026	20.05	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.963	93	166562	20.29	ng/ul	98
29) 2,4-Dichlorophenol	10.198	162	117998	19.99	ng/ul	98
30) Naphthalene	10.593	128	389038	19.91	ng/ul	99
32) 4-Chloroaniline	10.710	127	162534	18.74	ng/ul	99
33) Hexachlorobutadiene	10.875	225	80305	20.01	ng/ul	98
34) Caprolactam	11.493	113	29651	17.36	ng/ul	97
35) 4-Chloro-3-methylphenol	11.834	107	120073	20.07	ng/ul	98
36) 2-Methylnaphthalene	12.210	142	275720	19.79	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.428	142	280244	19.84	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.581	216	147905	19.91	ng/ul	98
40) Hexachlorocyclopentadiene	12.557	237	69742	15.44	ng/ul	99
41) 2,4,6-Trichlorophenol	12.822	196	94169	20.09	ng/ul	95
42) 2,4,5-Trichlorophenol	12.898	196	99048	19.94	ng/ul	98
43) 1,1'-Biphenyl	13.222	154	354161	19.84	ng/ul	99
44) 2-Chloronaphthalene	13.263	162	277006	19.83	ng/ul	99
45) 2-Nitroaniline	13.475	65	78421	19.98	ng/ul	99
47) Dimethylphthalate	13.851	163	333287	19.84	ng/ul	99
48) 2,6-Dinitrotoluene	13.975	165	64987	20.08	ng/ul	94
50) Acenaphthylene	14.110	152	403052	19.92	ng/ul	100
51) 3-Nitroaniline	14.304	138	63788	18.87	ng/ul	97
52) Acenaphthene	14.457	153	290040	19.65	ng/ul	99
53) 2,4-Dinitrophenol	14.516	184	23889	12.39	ng/ul	96
55) 4-Nitrophenol	14.610	109	42570	16.81	ng/ul	98
56) Dibenzofuran	14.792	168	407118	19.59	ng/ul	100
57) 2,4-Dinitrotoluene	14.763	165	89365	19.81	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.022	232	78574	19.02	ng/ul	98
59) Diethylphthalate	15.216	149	333473	20.00	ng/ul	100
61) Fluorene	15.439	166	330424	19.30	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.433	204	165981	19.26	ng/ul	97
63) 4-Nitroaniline	15.469	138	62490	19.41	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.528	198	43661	15.58	ng/ul	95
67) N-Nitrosodiphenylamine	15.651	169	275052	20.38	ng/ul	99
68) 4-Bromophenyl-phenylether	16.328	248	96147	20.16	ng/ul	96
69) Hexachlorobenzene	16.439	284	109595	20.25	ng/ul	99
70) Atrazine	16.598	200	91418	19.01	ng/ul	98
71) Pentachlorophenol	16.786	266	53532	16.28	ng/ul	95
72) Phenanthrene	17.175	178	473360	19.59	ng/ul	100
74) Anthracene	17.263	178	490075	19.74	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.192	216	145093	20.67	ng/uL	100
76) Pentachlorobenzene	14.710	250	141474	20.59	ng/uL	99
77) Carbazole	17.533	167	397816	18.43	ng/ul	99
78) Di-n-butylphthalate	18.098	149	489155	19.67	ng/ul	100
80) Fluoranthene	19.186	202	480439	20.52	ng/ul	99
82) Pyrene	19.551	202	492619	20.30	ng/ul	100
83) Butylbenzylphthalate	20.445	149	171017	20.62	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.227	252	131717	20.97	ng/ul	100
85) Benzo(a)anthracene	21.286	228	422804	19.64	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.215	149	244167	19.97	ng/ul	97
87) Chrysene	21.339	228	415386	19.61	ng/ul	99
89) Di-n-octyl phthalate	22.092	149	387423	17.92	ng/ul	100
90) Benzo(b)fluoranthene	22.874	252	417666	18.62	ng/ul	100
91) Benzo(k)fluoranthene	22.915	252	432683	19.85	ng/ul	99
93) Benzo(a)pyrene	23.451	252	391767	19.74	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.821	276	509196	20.63	ng/ul	98
95) Dibenzo(a,h)anthracene	25.833	278	428083	20.68	ng/ul	98
96) Benzo(g,h,i)perylene	26.515	276	426162	21.53	ng/ul	98

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

