

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070621\
 Data File : BM030871.D
 Acq On : 08 Jul 2021 00:35
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020021

Manual Integrations
 APPROVED

mohammad
 7/8/2021 12:38:29 PM

Quant Time: Jul 08 03:19:13 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 08 03:09:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	96096	20.00	ng/ul	0.00
20) Naphthalene-d8	10.545	136	419067	20.00	ng/ul	-0.01
38) Acenaphthene-d10	14.392	164	271981	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.133	188	539729	20.00	ng/ul	0.00
79) Chrysene-d12	21.297	240	401040	20.00	ng/ul	-0.01
88) Perylene-d12	23.544	264	373502	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.257	96	18623	7.57	ng/uL	0.00
4) Pyridine-d5	3.669	84	122024	18.97	ng/ul	0.00
7) Phenol-d5	6.928	99	160186	19.08	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.098	67	105846	19.57	ng/ul	0.00
11) 2-Chlorophenol-d4	7.292	132	127643	19.81	ng/ul	-0.01
15) 4-Methylphenol-d8	8.463	113	129057	19.18	ng/ul	-0.01
21) Nitrobenzene-d5	8.916	128	62414	20.02	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.633	143	66242	19.42	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.169	165	132520	20.19	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.686	131	178890	19.19	ng/ul	0.00
46) Dimethylphthalate-d6	13.804	166	389566	20.46	ng/ul	0.00
49) Acenaphthylene-d8	14.080	160	485689	20.19	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.592	143	56254	16.98	ng/ul	0.00
60) Fluorene-d10	15.380	176	337323	20.12	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.510	200	51513	14.88	ng/ul	0.00
73) Anthracene-d10	17.227	188	494799	19.67	ng/ul	-0.01
81) Pyrene-d10	19.515	212	475318	21.49	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.403	264	376405	19.52	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.293	88	19190	7.57	ng/uL	98
5) Pyridine	3.693	79	133373	19.02	ng/ul	92
6) Benzaldehyde	6.910	77	105614m	24.44	ng/ul	
8) Phenol	6.957	94	165269	19.20	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.192	93	130043	19.40	ng/ul	98
12) 2-Chlorophenol	7.328	128	129009	19.99	ng/ul	97
13) 2-Methylphenol	8.198	108	121282	19.38	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.292	45	224854	20.37	ng/ul	100
16) Acetophenone	8.581	105	204194	19.28	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.569	70	110619	21.03	ng/ul	98
18) 4-Methylphenol	8.528	108	132610	19.32	ng/ul	94
19) Hexachloroethane	8.828	117	54506	20.07	ng/ul	96
22) Nitrobenzene	8.957	77	164336	20.51	ng/ul	96
23) Isophorone	9.481	82	288043	20.59	ng/ul	98
25) 2-Nitrophenol	9.669	139	72701	19.88	ng/ul	98
26) 2,4-Dimethylphenol	9.722	107	152798	20.15	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.963	93	177907	20.10	ng/ul	100
29) 2,4-Dichlorophenol	10.192	162	128382	20.17	ng/ul	98
30) Naphthalene	10.592	128	420562	19.96	ng/ul	99
32) 4-Chloroaniline	10.710	127	177485	18.98	ng/ul	99
33) Hexachlorobutadiene	10.875	225	84838	19.61	ng/ul	98
34) Caprolactam	11.492	113	35038	19.03	ng/ul	93
35) 4-Chloro-3-methylphenol	11.833	107	134003	20.77	ng/ul	99
36) 2-Methylnaphthalene	12.204	142	302787	20.15	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.427	142	305518	20.06	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.580	216	160781	19.49	ng/ul	98
40) Hexachlorocyclopentadiene	12.551	237	98089	19.56	ng/ul	99
41) 2,4,6-Trichlorophenol	12.822	196	101399	19.48	ng/ul	98
42) 2,4,5-Trichlorophenol	12.892	196	109414	19.83	ng/ul	97
43) 1,1'-Biphenyl	13.221	154	393250	19.84	ng/ul	99
44) 2-Chloronaphthalene	13.263	162	305220	19.68	ng/ul	99
45) 2-Nitroaniline	13.474	65	89982	20.65	ng/ul	97
47) Dimethylphthalate	13.851	163	378951	20.31	ng/ul	100
48) 2,6-Dinitrotoluene	13.974	165	74800	20.82	ng/ul	98
50) Acenaphthylene	14.110	152	454881	20.24	ng/ul	99
51) 3-Nitroaniline	14.304	138	74092	19.74	ng/ul	99
52) Acenaphthene	14.457	153	327924	20.01	ng/ul	99
53) 2,4-Dinitrophenol	14.516	184	35790	16.72	ng/ul	93
55) 4-Nitrophenol	14.610	109	48804	17.35	ng/ul	97
56) Dibenzofuran	14.792	168	461165	19.98	ng/ul	98
57) 2,4-Dinitrotoluene	14.763	165	105728	21.11	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.015	232	89372	19.48	ng/ul#	94
59) Diethylphthalate	15.215	149	386062	20.85	ng/ul	99
61) Fluorene	15.439	166	379585	19.97	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.433	204	189656	19.82	ng/ul	99
63) 4-Nitroaniline	15.463	138	74327	20.79	ng/ul#	85
66) 4,6-Dinitro-2-methylph...	15.527	198	51371	15.38	ng/ul	98
67) N-Nitrosodiphenylamine	15.645	169	317163	19.71	ng/ul	98
68) 4-Bromophenyl-phenylether	16.327	248	109259	19.22	ng/ul	98
69) Hexachlorobenzene	16.439	284	125845	19.51	ng/ul	96
70) Atrazine	16.598	200	109117	19.04	ng/ul	99
71) Pentachlorophenol	16.786	266	88321	22.53	ng/ul	99
72) Phenanthrene	17.174	178	565617	19.64	ng/ul	100
74) Anthracene	17.262	178	578783	19.56	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.186	216	159753	19.09	ng/uL	99
76) Pentachlorobenzene	14.710	250	158310	19.33	ng/uL	98
77) Carbazole	17.533	167	480756	18.69	ng/ul	99
78) Di-n-butylphthalate	18.098	149	615662	20.77	ng/ul	99
80) Fluoranthene	19.186	202	590772	21.66	ng/ul	99
82) Pyrene	19.545	202	603093	21.34	ng/ul	99
83) Butylbenzylphthalate	20.439	149	217872	22.55	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.221	252	146217	19.98	ng/ul	99
85) Benzo(a)anthracene	21.286	228	496250	19.79	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.215	149	309851	21.75	ng/ul	99
87) Chrysene	21.333	228	479064	19.42	ng/ul	99
89) Di-n-octyl phthalate	22.086	149	470667	20.29	ng/ul	100
90) Benzo(b)fluoranthene	22.868	252	482193	20.04	ng/ul	99
91) Benzo(k)fluoranthene	22.909	252	443443	18.96	ng/ul	99
93) Benzo(a)pyrene	23.444	252	417822	19.62	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.809	276	528866	19.97	ng/ul	98
95) Dibenzo(a,h)anthracene	25.821	278	444548	20.02	ng/ul	98
96) Benzo(g,h,i)perylene	26.509	276	436470	20.56	ng/ul	99

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

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