

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070621\
 Data File : BM030875.D
 Acq On : 08 Jul 2021 03:40
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020022

Manual Integrations
 APPROVED

mohammad
 7/8/2021 12:38:32 PM

Quant Time: Jul 08 06:06:59 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	7.757	152	117526	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.545	136	500514	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.392	164	314628	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.127	188	588162	20.000	ng/u1	-0.01
79) Chrysene-d12	21.298	240	447090	20.000	ng/u1	-0.01
88) Perylene-d12	23.545	264	452399	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	23668	7.869	ng/uL	0.00
4) Pyridine-d5	3.669	84	153272	19.487	ng/u1	0.00
7) Phenol-d5	6.928	99	194556	18.945	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.099	67	128902	19.487	ng/u1	0.00
11) 2-Chlorophenol-d4	7.293	132	157856	20.036	ng/u1	-0.01
15) 4-Methylphenol-d8	8.463	113	157383	19.124	ng/u1	-0.01
21) Nitrobenzene-d5	8.916	128	75319	20.233	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.634	143	80213	19.693	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.169	165	159685	20.372	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.687	131	212622	19.101	ng/u1	0.00
46) Dimethylphthalate-d6	13.804	166	442415	20.085	ng/u1	0.00
49) Acenaphthylene-d8	14.081	160	563645	20.258	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.592	143	65284	17.031	ng/u1	0.00
60) Fluorene-d10	15.380	176	380682	19.627	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.510	200	58315	15.462	ng/u1	0.00
73) Anthracene-d10	17.227	188	535631	19.543	ng/u1	-0.01
81) Pyrene-d10	19.515	212	498659	20.223	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.398	264	460172	19.706	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.287	88	25608	8.259	ng/uL	98
5) Pyridine	3.687	79	164392	19.173	ng/u1	98
6) Benzaldehyde	6.910	77	130663m	24.728	ng/u1	
8) Phenol	6.957	94	199722	18.975	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.187	93	159303	19.430	ng/u1	99
12) 2-Chlorophenol	7.328	128	157907	20.007	ng/u1	97
13) 2-Methylphenol	8.199	108	147397	19.263	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.287	45	271903	20.140	ng/u1	99
16) Acetophenone	8.581	105	245542	18.958	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.569	70	131748	20.478	ng/u1	96
18) 4-Methylphenol	8.528	108	160505	19.116	ng/u1	94
19) Hexachloroethane	8.828	117	67646	20.368	ng/u1	96
22) Nitrobenzene	8.957	77	196255	20.504	ng/u1	97
23) Isophorone	9.481	82	339805	20.342	ng/u1	99
25) 2-Nitrophenol	9.663	139	87558	20.050	ng/u1	96
26) 2,4-Dimethylphenol	9.722	107	182272	20.126	ng/u1	96
27) Bis(2-Chloroethoxy)met...	9.963	93	213939	20.238	ng/u1	99
29) 2,4-Dichlorophenol	10.193	162	151622	19.943	ng/u1	98
30) Naphthalene	10.592	128	501652	19.931	ng/u1	99
32) 4-Chloroaniline	10.710	127	211068	18.900	ng/u1	99
33) Hexachlorobutadiene	10.875	225	101881	19.713	ng/u1	98
34) Caprolactam	11.492	113	40874	18.586	ng/u1	90
35) 4-Chloro-3-methylphenol	11.828	107	156074	20.256	ng/u1	98
36) 2-Methylnaphthalene	12.204	142	359558	20.037	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.428	142	361007	19.845	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.581	216	189963	19.904	ng/ul	99
40) Hexachlorocyclopentadiene	12.551	237	99881	17.217	ng/ul	97
41) 2,4,6-Trichlorophenol	12.822	196	118154	19.623	ng/ul	98
42) 2,4,5-Trichlorophenol	12.892	196	126394	19.805	ng/ul	99
43) 1,1'-Biphenyl	13.222	154	456221	19.900	ng/ul	100
44) 2-Chloronaphthalene	13.263	162	360362	20.085	ng/ul	99
45) 2-Nitroaniline	13.475	65	105816	20.989	ng/ul	93
47) Dimethylphthalate	13.851	163	432139	20.026	ng/ul	99
48) 2,6-Dinitrotoluene	13.975	165	85835	20.652	ng/ul	98
50) Acenaphthylene	14.110	152	523989	20.158	ng/ul	99
51) 3-Nitroaniline	14.304	138	85811	19.762	ng/ul	99
52) Acenaphthene	14.457	153	379291	20.003	ng/ul	99
53) 2,4-Dinitrophenol	14.516	184	39276	15.859	ng/ul	97
55) 4-Nitrophenol	14.610	109	54722	16.819	ng/ul	96
56) Dibenzofuran	14.786	168	524248	19.635	ng/ul	96
57) 2,4-Dinitrotoluene	14.763	165	117403	20.262	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.016	232	101548	19.137	ng/ul#	97
59) Diethylphthalate	15.216	149	432478	20.193	ng/ul	100
61) Fluorene	15.439	166	430273	19.565	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.433	204	215969	19.513	ng/ul	100
63) 4-Nitroaniline	15.463	138	82053	19.836	ng/ul	87
66) 4,6-Dinitro-2-methylph...	15.527	198	58284	16.008	ng/ul	98
67) N-Nitrosodiphenylamine	15.645	169	356422	20.327	ng/ul	99
68) 4-Bromophenyl-phenylether	16.327	248	121936	19.685	ng/ul	100
69) Hexachlorobenzene	16.439	284	138475	19.697	ng/ul	99
70) Atrazine	16.598	200	119020	19.059	ng/ul	96
71) Pentachlorophenol	16.786	266	71145	16.653	ng/ul	99
72) Phenanthrene	17.174	178	611764	19.493	ng/ul	100
74) Anthracene	17.263	178	627240	19.452	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.186	216	185726	20.368	ng/uL	98
76) Pentachlorobenzene	14.710	250	181002	20.286	ng/uL	98
77) Carbazole	17.533	167	515014	18.373	ng/ul	99
78) Di-n-butylphthalate	18.092	149	635405	19.669	ng/ul	99
80) Fluoranthene	19.186	202	622682	20.480	ng/ul	98
82) Pyrene	19.545	202	633260	20.096	ng/ul	99
83) Butylbenzylphthalate	20.439	149	220953	20.513	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.221	252	166946	20.463	ng/ul	98
85) Benzo(a)anthracene	21.286	228	557472	19.943	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.215	149	313425	19.738	ng/ul	100
87) Chrysene	21.333	228	536031	19.489	ng/ul	99
89) Di-n-octyl phthalate	22.086	149	494554	17.603	ng/ul	100
90) Benzo(b)fluoranthene	22.868	252	576734	19.790	ng/ul	99
91) Benzo(k)fluoranthene	22.909	252	530414	18.726	ng/ul	99
93) Benzo(a)pyrene	23.445	252	509223	19.746	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.815	276	660381	20.590	ng/ul	99
95) Dibenzo(a,h)anthracene	25.821	278	553335	20.577	ng/ul	99
96) Benzo(g,h,i)perylene	26.509	276	545559	21.217	ng/ul	100

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

