

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
 Data File : BM030779.D
 Acq On : 02 Jul 2021 18:04
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020014

Manual Integrations
 APPROVED

mohammad
 7/6/2021 9:24:52 AM

Quant Time: Jul 02 18:36:25 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 02 18:01:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	90492	20.000	ng/u1	0.00
20) Naphthalene-d8	10.557	136	366136	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.398	164	221918	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.139	188	403276	20.000	ng/u1	0.00
79) Chrysene-d12	21.309	240	359666	20.000	ng/u1	0.00
88) Perylene-d12	23.562	264	394941	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.257	96	17928	8.032	ng/uL	0.00
4) Pyridine-d5	3.675	84	114277	19.055	ng/u1	0.00
7) Phenol-d5	6.940	99	145614	18.658	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.104	67	93450	19.050	ng/u1	0.00
11) 2-Chlorophenol-d4	7.304	132	116944	19.412	ng/u1	0.00
15) 4-Methylphenol-d8	8.475	113	115965	19.093	ng/u1	0.00
21) Nitrobenzene-d5	8.922	128	56036	20.510	ng/u1	0.00
24) 2-Nitrophenol-d4	9.645	143	59591	19.626	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.175	165	117173	20.145	ng/u1	0.00
31) 4-Chloroaniline-d4	10.692	131	152564	18.809	ng/u1	0.00
46) Dimethylphthalate-d6	13.810	166	301492	19.676	ng/u1	0.00
49) Acenaphthylene-d8	14.092	160	392632	19.740	ng/u1	0.00
54) 4-Nitrophenol-d4	14.598	143	43202	14.882	ng/u1	0.00
60) Fluorene-d10	15.392	176	264018	19.427	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.515	200	36897	13.984	ng/u1	0.00
73) Anthracene-d10	17.239	188	368227	19.565	ng/u1	0.00
81) Pyrene-d10	19.527	212	364396	19.335	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.415	264	402362	19.596	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.293	88	17737	7.472	ng/uL	98
5) Pyridine	3.693	79	120025	18.592	ng/u1	96
6) Benzaldehyde	6.922	77	95269m	25.106	ng/u1	
8) Phenol	6.963	94	149728	18.974	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.198	93	115846	18.626	ng/u1	100
12) 2-Chlorophenol	7.334	128	119289	19.650	ng/u1	98
13) 2-Methylphenol	8.210	108	108541	18.981	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.292	45	189040	19.175	ng/u1	100
16) Acetophenone	8.592	105	179774	19.168	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.575	70	91112	19.640	ng/u1	99
18) 4-Methylphenol	8.534	108	117976	18.944	ng/u1	96
19) Hexachloroethane	8.839	117	48809	19.189	ng/u1	100
22) Nitrobenzene	8.969	77	138739	20.129	ng/u1	98
23) Isophorone	9.492	82	235309	19.715	ng/u1	99
25) 2-Nitrophenol	9.675	139	64223	19.921	ng/u1	96
26) 2,4-Dimethylphenol	9.733	107	132018	20.260	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.969	93	150599	19.394	ng/u1	99
29) 2,4-Dichlorophenol	10.204	162	113016	20.282	ng/u1	99
30) Naphthalene	10.604	128	369466	19.930	ng/u1	99
32) 4-Chloroaniline	10.722	127	151765	18.847	ng/u1	99
33) Hexachlorobutadiene	10.886	225	77029	20.444	ng/u1	97
34) Caprolactam	11.498	113	27425	16.957	ng/u1	96
35) 4-Chloro-3-methylphenol	11.839	107	110078	20.119	ng/u1	98
36) 2-Methylnaphthalene	12.216	142	256242	19.808	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.439	142	260667	19.907	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.586	216	140071	20.231	ng/ul	99
40) Hexachlorocyclopentadiene	12.563	237	82424	18.244	ng/ul	96
41) 2,4,6-Trichlorophenol	12.827	196	86404	19.816	ng/ul	97
42) 2,4,5-Trichlorophenol	12.904	196	90392	19.424	ng/ul	97
43) 1,1'-Biphenyl	13.233	154	321186	19.610	ng/ul	100
44) 2-Chloronaphthalene	13.274	162	257631	20.008	ng/ul	99
45) 2-Nitroaniline	13.480	65	68048	19.665	ng/ul	96
47) Dimethylphthalate	13.857	163	297735	19.831	ng/ul	100
48) 2,6-Dinitrotoluene	13.980	165	58342	20.169	ng/ul	98
50) Acenaphthylene	14.121	152	368400	19.968	ng/ul	99
51) 3-Nitroaniline	14.310	138	56736	18.412	ng/ul	95
52) Acenaphthene	14.463	153	264422	19.749	ng/ul	100
53) 2,4-Dinitrophenol	14.521	184	26398	13.882	ng/ul	99
55) 4-Nitrophenol	14.616	109	36601	15.760	ng/ul	98
56) Dibenzofuran	14.798	168	366973	19.660	ng/ul	98
57) 2,4-Dinitrotoluene	14.768	165	78090	19.280	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.027	232	71949	19.099	ng/ul	98
59) Diethylphthalate	15.221	149	286601	19.872	ng/ul	98
61) Fluorene	15.445	166	296614	19.282	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.439	204	151029	19.714	ng/ul	99
63) 4-Nitroaniline	15.468	138	54515	18.578	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.533	198	36306	14.140	ng/ul#	93
67) N-Nitrosodiphenylamine	15.657	169	244384	20.333	ng/ul	99
68) 4-Bromophenyl-phenylether	16.333	248	84241	20.472	ng/ul	100
69) Hexachlorobenzene	16.451	284	97212	20.424	ng/ul	98
70) Atrazine	16.604	200	79654	18.685	ng/ul	97
71) Pentachlorophenol	16.798	266	50509	16.935	ng/ul	98
72) Phenanthrene	17.180	178	422114	19.491	ng/ul	100
74) Anthracene	17.274	178	433909	19.596	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.198	216	134885	20.971	ng/ul	99
76) Pentachlorobenzene	14.721	250	128004	20.892	ng/ul	98
77) Carbazole	17.545	167	355936	17.926	ng/ul	99
78) Di-n-butylphthalate	18.104	149	410714	20.300	ng/ul	100
80) Fluoranthene	19.192	202	444339	19.305	ng/ul	99
82) Pyrene	19.556	202	460523	19.042	ng/ul	99
83) Butylbenzylphthalate	20.450	149	153211	19.245	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.233	252	142061	20.038	ng/ul	98
85) Benzo(a)anthracene	21.292	228	443327	19.862	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.221	149	222319	19.416	ng/ul	100
87) Chrysene	21.345	228	425733	19.566	ng/ul	99
89) Di-n-octyl phthalate	22.097	149	376486	16.571	ng/ul	100
90) Benzo(b)fluoranthene	22.880	252	482804	19.255	ng/ul	100
91) Benzo(k)fluoranthene	22.927	252	464256	19.266	ng/ul	99
93) Benzo(a)pyrene	23.462	252	440378	19.533	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	25.838	276	580138	20.440	ng/ul	98
95) Dibenzo(a,h)anthracene	25.844	278	478969	20.356	ng/ul	98
96) Benzo(g,h,i)perylene	26.532	276	473550	19.997	ng/ul	99

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

