

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
 Data File : BM030738.D
 Acq On : 01 Jul 2021 11:56
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020011

Manual Integrations
 APPROVED

mohammad
 7/1/2021 2:56:15 PM

Quant Time: Jul 01 12:27:26 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 01 05:56:56 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	119920	20.000	ng/u1	0.00
20) Naphthalene-d8	10.563	136	463135	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.404	164	265795	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.145	188	494792	20.000	ng/u1	0.00
79) Chrysene-d12	21.315	240	495362	20.000	ng/u1	0.00
88) Perylene-d12	23.562	264	579187	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.263	96	23394	7.909	ng/uL	0.00
4) Pyridine-d5	3.675	84	148129	18.639	ng/u1	0.00
7) Phenol-d5	6.945	99	185939	17.978	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.110	67	117650	18.098	ng/u1	0.00
11) 2-Chlorophenol-d4	7.310	132	153767	19.261	ng/u1	0.00
15) 4-Methylphenol-d8	8.481	113	141829	17.621	ng/u1	0.00
21) Nitrobenzene-d5	8.933	128	66875	19.351	ng/u1	0.00
24) 2-Nitrophenol-d4	9.651	143	72925	18.988	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.186	165	142160	19.322	ng/u1	0.00
31) 4-Chloroaniline-d4	10.698	131	181549	17.695	ng/u1	0.00
46) Dimethylphthalate-d6	13.816	166	347121	18.914	ng/u1	0.00
49) Acenaphthylene-d8	14.098	160	466237	19.571	ng/u1	0.00
54) 4-Nitrophenol-d4	14.604	143	58816	16.916	ng/u1	0.00
60) Fluorene-d10	15.398	176	305623	18.776	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.521	200	50377	15.562	ng/u1	0.00
73) Anthracene-d10	17.239	188	441814	19.133	ng/u1	0.00
81) Pyrene-d10	19.533	212	459857	17.717	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.421	264	572725	19.020	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.299	88	24344	7.738	ng/uL	97
5) Pyridine	3.699	79	158425	18.518	ng/u1	99
6) Benzaldehyde	6.922	77	119818	23.827	ng/u1	90
8) Phenol	6.969	94	191640	18.325	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.204	93	148003	17.957	ng/u1	99
12) 2-Chlorophenol	7.339	128	153515	19.082	ng/u1	98
13) 2-Methylphenol	8.216	108	135986	17.945	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.304	45	237567	18.184	ng/u1	99
16) Acetophenone	8.598	105	221462	17.818	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.581	70	113086	18.394	ng/u1	97
18) 4-Methylphenol	8.539	108	145203	17.595	ng/u1	93
19) Hexachloroethane	8.845	117	64823	19.231	ng/u1	97
22) Nitrobenzene	8.975	77	175292	20.106	ng/u1	99
23) Isophorone	9.498	82	287126	19.018	ng/u1	98
25) 2-Nitrophenol	9.680	139	78973	19.365	ng/u1	96
26) 2,4-Dimethylphenol	9.739	107	160944	19.526	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.975	93	182124	18.542	ng/u1	99
29) 2,4-Dichlorophenol	10.210	162	136466	19.361	ng/u1	98
30) Naphthalene	10.610	128	451633	19.260	ng/u1	98
32) 4-Chloroaniline	10.722	127	181292	17.798	ng/u1	100
33) Hexachlorobutadiene	10.892	225	94760	19.883	ng/u1	99
34) Caprolactam	11.504	113	33607m	16.427	ng/u1	
35) 4-Chloro-3-methylphenol	11.845	107	130035	18.789	ng/u1	98
36) 2-Methylnaphthalene	12.222	142	308101	18.829	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.445	142	308062	18.599	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.592	216	165567	19.966	ng/ul	99
40) Hexachlorocyclopentadiene	12.569	237	94721	17.505	ng/ul	96
41) 2,4,6-Trichlorophenol	12.833	196	102678	19.661	ng/ul	96
42) 2,4,5-Trichlorophenol	12.910	196	109750	19.691	ng/ul	98
43) 1,1'-Biphenyl	13.239	154	383045	19.527	ng/ul	100
44) 2-Chloronaphthalene	13.280	162	303677	19.691	ng/ul	100
45) 2-Nitroaniline	13.486	65	85542	20.639	ng/ul	96
47) Dimethylphthalate	13.863	163	341092	18.969	ng/ul	99
48) 2,6-Dinitrotoluene	13.986	165	67768	19.560	ng/ul	99
50) Acenaphthylene	14.127	152	437437	19.796	ng/ul	99
51) 3-Nitroaniline	14.315	138	72055	19.523	ng/ul	98
52) Acenaphthene	14.468	153	309085	19.274	ng/ul	99
53) 2,4-Dinitrophenol	14.527	184	43649	19.164	ng/ul	99
55) 4-Nitrophenol	14.615	109	52507	18.877	ng/ul	96
56) Dibenzofuran	14.804	168	432154	19.330	ng/ul	99
57) 2,4-Dinitrotoluene	14.774	165	95137	19.611	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.033	232	86130	19.089	ng/ul	99
59) Diethylphthalate	15.227	149	327272	18.946	ng/ul	100
61) Fluorene	15.451	166	349600	18.974	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.445	204	174846	19.055	ng/ul	100
63) 4-Nitroaniline	15.474	138	72397	20.599	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.539	198	49330	15.659	ng/ul	100
67) N-Nitrosodiphenylamine	15.662	169	291688	19.780	ng/ul	99
68) 4-Bromophenyl-phenylether	16.339	248	99003	19.610	ng/ul	99
69) Hexachlorobenzene	16.457	284	113379	19.415	ng/ul	97
70) Atrazine	16.609	200	93782	17.930	ng/ul	98
71) Pentachlorophenol	16.798	266	64656	17.669	ng/ul	95
72) Phenanthrene	17.186	178	507834	19.112	ng/ul	99
74) Anthracene	17.274	178	519795	19.133	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.204	216	163936	20.773	ng/uL	100
76) Pentachlorobenzene	14.727	250	149133	19.838	ng/uL	99
77) Carbazole	17.545	167	448185	18.397	ng/ul	100
78) Di-n-butylphthalate	18.109	149	475081	19.138	ng/ul	100
80) Fluoranthene	19.198	202	558568	17.620	ng/ul	98
82) Pyrene	19.556	202	591641	17.762	ng/ul	100
83) Butylbenzylphthalate	20.450	149	195918	17.869	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.233	252	177663	18.195	ng/ul	98
85) Benzo(a)anthracene	21.297	228	590139	19.197	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.227	149	275830	17.491	ng/ul	99
87) Chrysene	21.350	228	576132	19.224	ng/ul	99
89) Di-n-octyl phthalate	22.103	149	481609	14.455	ng/ul	100
90) Benzo(b)fluoranthene	22.886	252	690624	18.781	ng/ul	99
91) Benzo(k)fluoranthene	22.927	252	638273	18.062	ng/ul	100
93) Benzo(a)pyrene	23.468	252	620493	18.767	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.844	276	862282	20.716	ng/ul	98
95) Dibenzo(a,h)anthracene	25.850	278	716158	20.755	ng/ul	99
96) Benzo(g,h,i)perylene	26.538	276	712411	20.514	ng/ul	98

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

